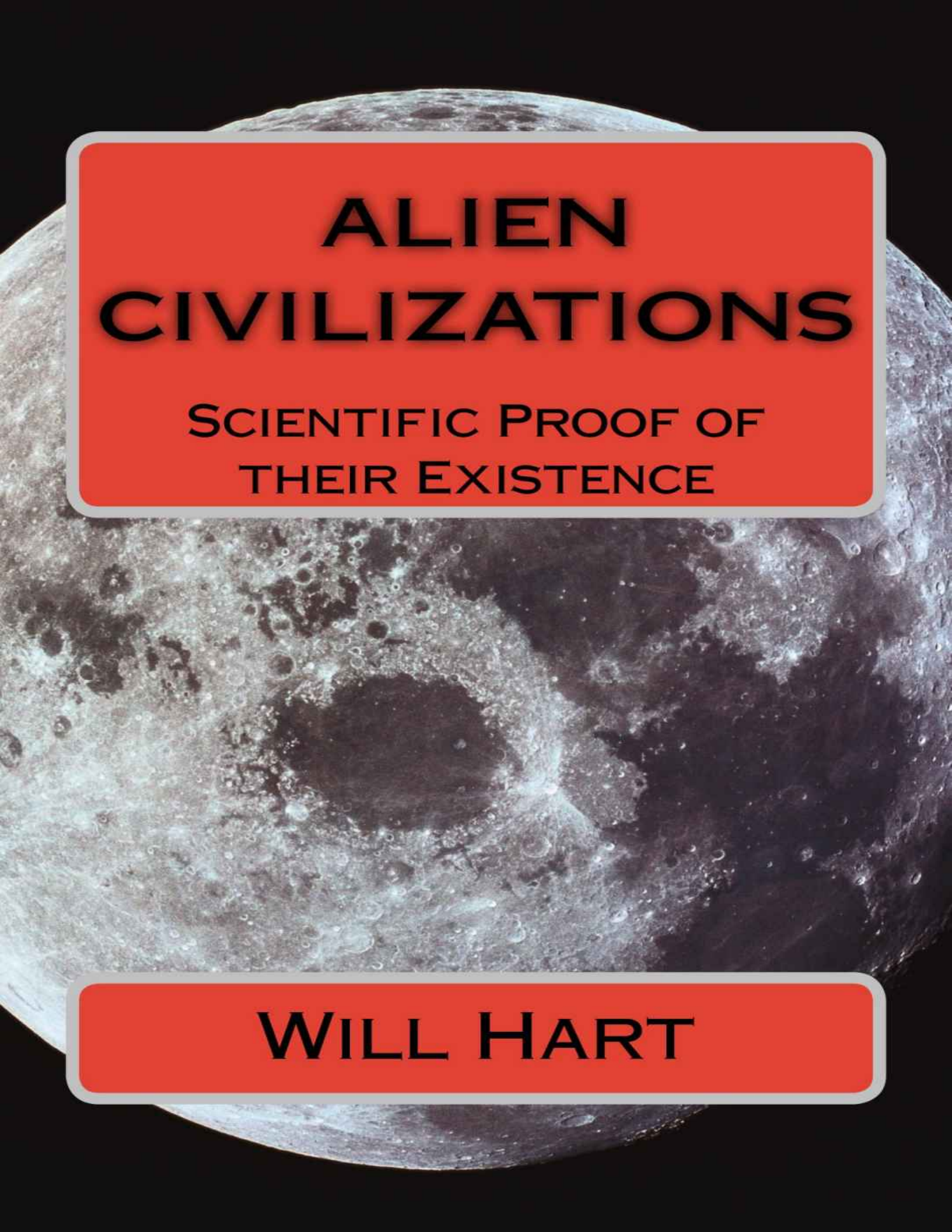
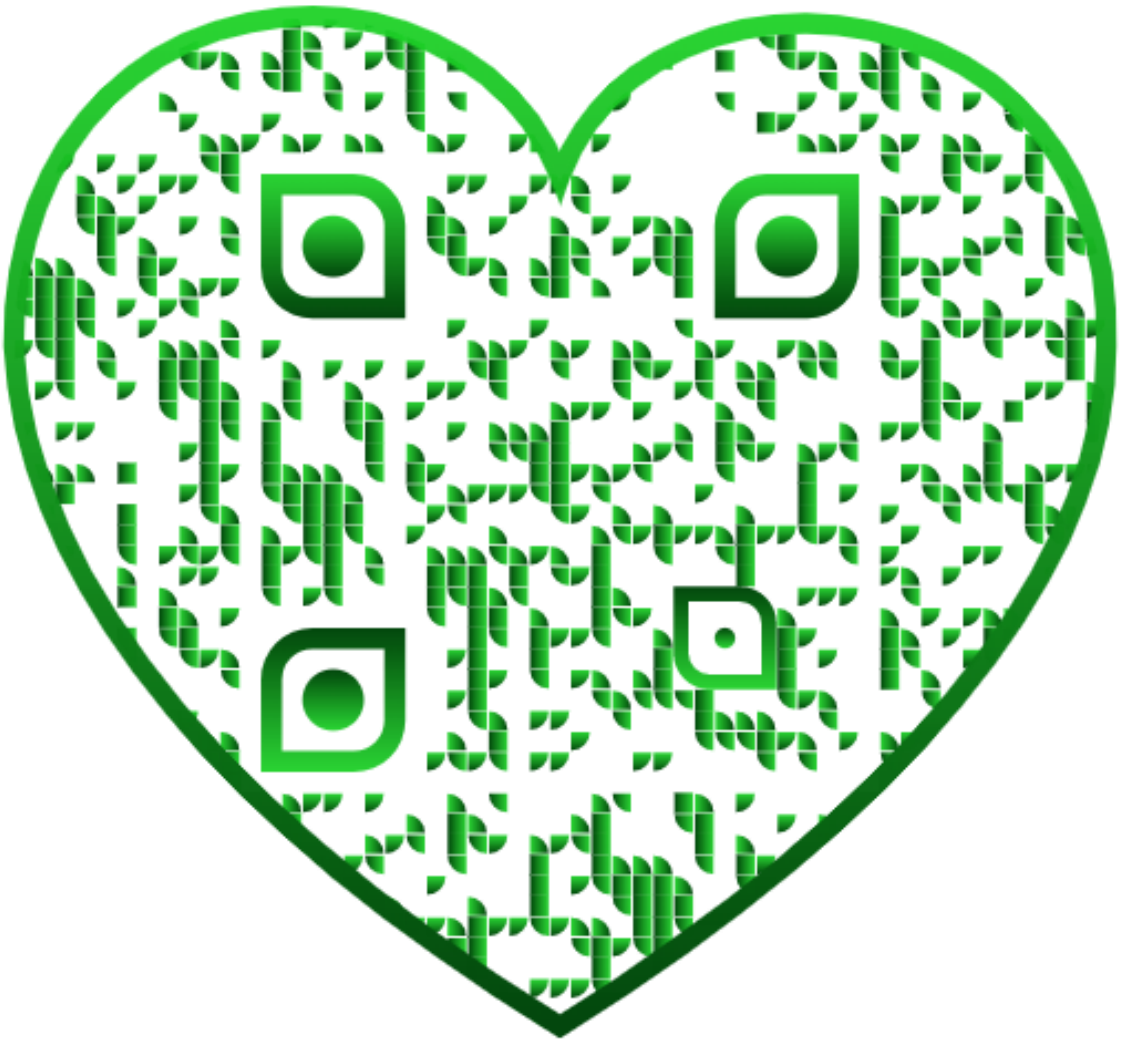


ALIEN CIVILIZATIONS

Scientific Proof of their Existence

Will Hart



ALIEN CIVILIZATIONS:

(Scientific Proof of their Existence)

By Will Hart

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Foreword

The Universe is Teeming with Life

We are at a watershed moment in human history. In a very real sense we are standing at the threshold of a complete transformation in the way we view ourselves and the universe we live in.

Ironically, few people seem to grasp that fact. Consider that in the last five years we have learned that *water* exists on several moons and planets in our solar system; that researchers have discovered *organic molecules* on two meteorites; that *molecular oxygen* has been found in the vast reaches of interstellar space.

The implications of the above are staggering in terms of revolutionizing our view of ourselves and the true nature of the cosmos. We have really just begun the process of scientific verification within the last 50 years.

The Kepler telescope has located Earth-like planets in habitable zones, another amazing discovery. But, in fact, these realities were anticipated by many scientists back in the 1960s and 70's including microbiologist Francis Crick, biochemist Leslie Orgel and astronomer Carl Sagan.

Space scientists have not had any doubt about life, and even civilizations, existing in other solar systems for quite some time. But there certainty was based upon statistical probabilities and not hard-evidence. The recent findings represent a giant step forward since we no longer have to speculate and/or guess about these things, **now we know**. We are in possession of the facts.

Where there is water there is life.

Moreover, finding organic molecules on meteorites and molecular oxygen in outer space -- the kind in our atmosphere -- means the ingredients of life, as we know them, are present out there.

The first three chapters of this volume examine the major discoveries made by space researchers in recent years, beyond that what the implications are for humanity and our future.

One of the goals of this series is to progressively integrate what has heretofore been presented as two separate fields. That is the ancient astronaut thesis -- now upgraded to the science-based Cosmic Ancestry 2 theory -- and the modern UFO phenomenon into a unified whole.

The former has usually been confined to materials taken from Earth's earliest civilizations i.e., ancient Sumer and Egypt. For example the Ennuma Elish describes the Annunaki, the gods, as *´those who from heaven to earth came´*. The text tells of how these advanced beings, or extraterrestrials, brought the knowledge and tools of civilization with them to give to the Sumerians.

The ancient astronaut thesis has generally been confined to the era from the remotest antiquity, ascribed to texts and artifacts until about the birth of Christ. By contrast, the modern UFO era began in 1940 with the Foo Fighters, the 'Battle over Los Angeles' and the events at Roswell; and peaked with the mass sighting above Washington, DC in 1952, but it continues to the present as well.

In fact, a careful investigation shows that this demarcation is artificial and arbitrary. It is odd that researchers, and fans of the ancient astronaut camp, seldom refer to the modern UFO phenomenon; and researchers of the latter seldom pay much attention to the ancient enigmas.

However, in reality, the UFO-extraterrestrial phenomenon actually forms a *continuum* of experience throughout human history. It is this author´s view that we are not going to really come to grips with, or understand it fully, until we integrate the past and present.

For example, while the Sumerians gave a very straightforward account of who the Annunaki were, they never addressed how they got to the earth. Nor did they ever describe any spacecraft or other technical machinery. That may seem like an indictment against the ancient astronaut thesis, but is it?

In 1947, when pilot Kenneth Arnold witnessed several silvery, metallic, disc-shaped objects flying in formation (UFOs) the reporter

described them as ¨*flying saucers*¨. Did he expect modern readers to take that description literally?

Of course not, he knew his readers were well-aware of aircraft, and even the possibility of there being interplanetary spacecraft, which science fiction authors had brought to life in the human imagination. Now, we have to put ourselves in the disadvantageous position of our remote ancestors.

In fact, they had no experience of flying machines or other advanced technologies of any kind. When Moses tried to explain that something very strange, and terrifying, happened on Mount Sinai in front of the whole tribe of Israel all he could do to describe it was to evoke thunder and lightning.

In fact, throughout the Old Testament the scribes could only write that these unidentifiable objects looked like ¨*pillars of cloud by day*¨ and ¨*pillars of fire*¨ by night. But that was not their only description they were also described as thick clouds, platforms, fiery chariots- so clouds was obviously a metaphor, the description was never meant to be taken as *natural clouds*.

No, Kenneth Arnold was not witness to kitchen plates flying through the air, and people who take ¨flying saucers¨ literally, in the future, will be in error completely. (The author is suggesting we are like those hypothetical future people.)

The Sumerians did not mean ´gods´ the way we define the term today as invisible, mythical beings. The Annunaki were real, flesh and blood beings that descended from space and lived with them.

Similarly, when the prophets, Ezekiel and Moses, described the machines that descended from the heavens as the burning bush or a wheel-within-a-wheel, we cannot be so naïve as to take those terms literally. The same goes for their using the description of the entity they encountered whom they called *the Lord*.

In fact, Ezekiel plainly describes the being he observed within the wheel, sitting in the craft in a (throne), or high-backed chair as, ¨<u>like</u>

a man¨, he was not the invisible Creator of the Universe, he was a human-like being, and those are not the author´s words, but Ezekiel's. (EZ: 1-26)

Decoding the Bible is not like deciphering some complicated, encrypted numeric code. It is relatively simple and straightforward. The same is true of the Sumerian texts, which are even more direct. The Egyptians also said that there was a remote era, the Zep Tepi, in which *¨gods*¨ and a group they called *¨the watchers¨* lived with human beings.

Expecting that our ancient ancestors could describe for us, in modern-day technical terms, how these extraterrestrials arrived on Earth in spaceships -- and bioengineered humanity using their DNA which they fused with that of another primate -- is both naïve and silly.

But, in truth, how much clearer does it have to get before scholars and scientists stop playing games pretending that our ancestors were silly, overly imaginative and/or just plain stupid?

¨*We made man in Our image and likeness (GN I:28)*¨, that statement is blunt and to the point. Why are our scientists and academics expecting a 2,000 BC rendition of the Genome Project before they will accept the obvious intent of the ancient texts?

The Annunaki of the Ennma Elish, and the Elohim of Genesis, were extraterrestrials.

The clouds, platforms, pillar of fire and wheel-within-a-wheel were metaphors for spacecraft, plain and simple. Jesus even said that he was from another planet, "*I am not of this world"*. At this point the author will suggest that any other interpretation is a willful, calculated distortion that amounts to intentional disinformation.

This series, however, is not a rehash of the ancient astronaut material, which this and other authors have presented in numerous volumes. The Genesis Race is the full presentation, and elucidation

of the scientifically based theory of Directed Panspermia, the author prefers to call, *Cosmic Ancestry 2*.

Where it departs from the original theory, presented by Sir Francis Crick and Leslie Orgel, is that it considers the anomalies of history as evidence that extraterrestrials were involved in human history. Crick and Orgel never made that connection, so they did not present it as part of Directed Panspermia.

The original theory posits that an advanced civilization loaded microorganisms into a spaceship, which was dispatched to Earth. Crick and Orgel were not sci-fi authors weaving an imaginative tale of fiction for science fiction buffs.

They were highly respected scientists who explained that since Darwinism failed to account for how life originated on our planet, science needed to come up with a credible, new theory. (Do not be fooled by physicist's who claim to explain everything, they are only talking about matter and energy, not biological origin of life!)

They had the advantage of possessing state of the art genetic and biochemical knowledge, since Crick won the Nobel Prize for having discovered the shape of the DNA molecule in 1950, and Orgel came up with the RNA-world theory. That is why the original thesis was largely based upon their critique of Darwin first, and then the many arguments centered on the mysteries of why DNA was so uniform and how it emerged so quickly on Earth.

The disadvantages that they had then, versus today, were that: the Murchison meteorite had not gone through extensive DNA analysis at that time. 1) The technology of bioengineering was in an embryonic stage 2) NASA was a long way from discovering water on the moon and Mars and 3) identifying the number of Earth-like planets in the habitable zone, as the Kepler Mission has done, also did not occur until 2010.

Now we are 50 years, and several orders of magnitude, in terms of hard evidence, from where Crick and Orgel stood when they were formulating their theory.

In the first two chapters we examine the incontrovertible proof that water exists on exoplanets and several meteorites have been found to contain organic molecules.

Though this does not prove the theory of Cosmic Ancestry, it does provide evidence that life exists out there. That is very strong support for the precursor theory (Undirected) Panspermia, which posits that the seeds of life (microorganisms) came to Earth by hitchhiking on cosmic objects.

In fact, we turned the corner in 2010 and are now standing on the threshold of fully realizing that the cosmos is an open-system. Life exists elsewhere in the Universe and is transferred throughout the cosmos in various ways and that is being verified as the author writes this.

The present volume also presents a variety of startling new evidence including the DNA lab results that show the Starchild Skull is that of an alien race.

One of the issues, that some people raise, is to ask why the extraterrestrials play cat and mouse with us. Since they showed themselves to our ancestors, why don´t they simply land on the White House lawn and hold a press conference?

It is a logical and fair question. In fact, they did just about did do that in 1952 when they buzzed Washington DC for two consecutive weekends. In fact many in Congress witnessed it as did the numerous highly qualified military personnel.

First, they revealed themselves when our ancestors were basically at a Stone Age level. People had no grasp of what they were seeing, who the ETs really were. In fact their technologies seemed miraculous to our predecessors. As the reports they handed down reveal, they had no clue as to who and what these beings were exactly, and they understood nothing of their technologies at all.

Such would not be the case now. A sudden appearance in our skies today would (and has) provoked an all-out military alert, reaction and

the scrambling of interceptors. No nation would be able to correctly interpret a mass intervention-event with any certainty.

That is made clear in the Bible when the' angels' use some kind of advanced weaponry to blind the attackers in Sodom. Then on the following morning they deployed devices that wiped the city out instantly, while blinding Lot's wife, all of which sounds very much like thermonuclear weapons were used.

Though the author makes the case for extraterrestrial visitation, intervention and even culture bearing, he also has come to agree with physicist Stephen Hawking who has raised concerns about present contact. The irony for us today is that we would comprehend that any visiting ETs were from an advanced, technological civilization.

That would be a blessing and a curse. We might be to them as monkeys are to us in terms of intelligence, technology and social organization. Could we handle that stark reality? In an instant all of our efforts and knowledge would seem puny and unimportant and our human egos would likewise shrink to near zero.

In addition, our own recent history has shown that primitive cultures do not do well when they come into contact with an advancing civilization. Those that demand and/or yearn for alien contact are being naïve. Be careful what you wish for. It could well spell our doom. This may sound odd coming from an author who has been writing about this topic for decades.

However, getting to the truth, no matter what it is, is the point of this researcher's work. I make no assumptions about whether a mass revelation is imminent or what might happen if it occurred. On the other hand, if it happened it could well be a wonderful, revelatory event that could change the world for the better.

SECTION I- Space Research Evidence

CH1 – The Seeds of Life, Water is Out There

Darwin's idea of the spontaneous generation of life on earth was falsified by several scientists in the 19th century including Luis Pasteur. Another theory called panspermia was put forth by a Swedish scientist Svante Arhenius, he claimed that the seeds of life originated in the cosmos, not on earth, and were carried to this planet by various cosmic forces and/or objects.

Positing that life began in outer space is not a new concept it was first proposed by the Greek philosopher Anaxagoras, then revived by Arehenius in the 19th century. However, the theory´s most passionate, modern proponent is astrobiologist Chandra Wickramasinghe the director of the Cardiff Centre for Astrobiology.

He is a former student of British astronomer Sir Fred Hoyle, with whom he co-developed panspermia into a modern scientific theory. In 1974, Wickramasinghe proposed that, dust in interstellar space and in comets, was composed largely of *organic molecules*. He is currently refining methods for detecting these proposed life forms that live in outer space

In the first part of this chapter we are going to gain some fresh insights into Chandra's views concerning how life got on earth. In 2000 SPACE.com interviewed him and the author here includes portions of that exchange:

SPACE.com: Do you think there will be mild, or perhaps significant renewed interest in Panspermia?

Wickramasinghe: *With every new piece of experimental/observational evidence that comes to light showing that microbial life can withstand the rigors of space travel, there is a renewed interest in Panspermia. Until recently, Panspermia was not even regarded as a scientific hypothesis. Now that has changed*.

The general view still prevailing is that although life could easily be transported, terrestrial life must have begun on Earth. There is no logic that demands that and at the present time all the evidence is against that point of view.

SPACE.com: While most scientists seem to support Panspermia as a possibility, I've never seen an expression of the chances that it is the method for originating life on Earth. What do you think are the odds that Panspermia is the cause, as opposed to the "primordial

soup" idea?

Wickramasinghe: *The survival properties of bacteria under extreme conditions show clearly the feasibility of transferring microbial life across galactic distances. On the other hand the emergence of life from a primordial soup on Earth is merely an article of faith that scientists are finding difficult to shed. There is no experimental evidence to support this at the present time.*

Indeed all attempts to create life from non-life, starting from Pasteur, have been unsuccessful. Also recent geological evidence indicates that life was present on Earth over 3.6 billion years ago, at a time when the Earth was being pummeled by comet and meteorite impacts, and no primordial soup could have been expected to brew…

* * *

Now, though that interview took place a scant 14 years ago, the latest evidence supporting Panspermia lends very strong support. Though there may be alien, biochemical pathways on other planets that use different ingredients, on Earth we know that *water* and certain *organic molecules* are prerequisites for life.

In the search for life in the cosmos, the very first thing we would look for are the signatures of H_2O. In fact, NASA discovered water on the moon as far back as the Apollo missions.

Neil Armstrong actually reported observing a cloud of water vapor on the moon in 1969. Though that early report was dismissed, as we shall see below, NASA has unequivocally found water on the moon in more recent missions.

The next thing we should then search for is organic molecules which form the basis of living things. With the advent and increasing sophistication of DNA analysis and the technology of mass-spectrometry, scientists have made startling discoveries in recent years while examining meteorites**.** (Examined in CH 2)

In fact, science has been accumulating a mass of positive data regarding the existence of the ingredients of life in extraterrestrial environments (on meteorites that landed on Earth as well) over the past few years**.**

The game-changers have already occurred, though the public is largely unaware of the full import of this reality. In truth, we are already in a new era with a paradigm-shift involving the earth's place in the cosmos occurring at present.

Moreover, establishing that life exists in the cosmos and was transported to Earth, by one means or another can be used as a precursor to the theory of *Directed Panspermia* (Cosmic Ancestry). The author's theory, borrowed from Nobel prize recipients, Sir Francis Crick and Leslie Orgel, goes a step further by asserting that an advanced extraterrestrial race deliberately shipped life (microbes) to Earth (Cosmic Ancestry 2).

So in a very real sense our process of space exploration and discovery thus far, has been all about seeing if we can find the basic ingredients of life out there.

Obviously, life must exist elsewhere in the universe for an advanced civilization to have first evolved and then later dispatched the seeds (microorganisms), via a spacecraft to the earth in remote antiquity. But confirming that scientifically is still several steps ahead of where we are today.

Nonetheless, where we are right now is many orders of magnitude beyond where science (Crick and Orgel) were in the late 1960s. Science has confirmed that water exists on other planetary bodies. That is now an established fact as we shall soon see.

Of course science fiction authors have long speculated about there being life beyond the earth, including advanced extraterrestrial civilizations. Nonetheless, it is one thing to speculate --including the formulation of statistical probabilities as scientists have done -- that life exists elsewhere in the cosmos and quite another to have collected hard evidence that proves it.

That is the threshold we have recently crossed and it is a critical one in scientific terms. Nonetheless, before presenting that proof we should address the more fundamental issue, which is the undeniable proof that water exists on other planetary bodies.

One of the oldest space controversies, aside from the ‘little green men’ is that involving Mars and whether there was ever H_2O on the red planet.

The long standing debate has been settled, NASA’s Curiosity rover found evidence for an ancient, flowing stream on Mars at a few scattered sites. These included the rock-outcrop pictured in the insert. The researchers named the site “Hottah” after Hottah Lake in Canada’s Northwest Terriroties.

Remains of an ancient streambed (NASA)

Look closely and you will see geological features that geologists call sedimentary conglomerate, rocks cemented together over time. These same features are very common on Earth and are associated with flowing streams.

Scientists found smoothed pebbles within this conglomerate and they noted that this finding indicated sustained abrasion of rock

fragments, within water flows, that crossed the Gale Crater in remote antiquity.

The main evidence for the existence of flowing water is the size and rounded shape of the gravel in and around the bed-rook. Hottah has bits of gravel embedded in it (called clasts) up to a few inches in size and located inside the matrix of sand particles.

The question is, how did these clasts form and get in there? In fact, geologists knew the answer to that question instantly -- because these features of Martian geology match those on Earth – flowing water causes them.

There is an old truism that biologist's use- where there is water there is probably some form of life.

The above images compare sites on Mars and on Earth, the latter an established streambed, showing the close similarities. According to NASA's JPL lab:

"*The rocks are the first ever found on Mars that contain streambed gravels. The sizes and shapes of the gravels embedded in these conglomerate rocks – from the size of sand particles to the size of golf balls – enabled researchers to calculate the depth and speed of the water that once flowed across this location*."

From this we have the smoking-gun proof that water once existed on Mars. The old questions and debates have been resolved. Since water is a necessary prerequisite to life, establishing its existence on exoplanets is a necessary first step to expanding the search for life.

That has been accomplished on Mars and is being determined on other planets as well, that discussion continues below.

Since the moon lacks an atmosphere and the day-time temperatures are near boiling, NASA scientists long claimed that it was bone-dry. However, that all changed in 2009 due to observations of the lunar surface made with India's Chandrayaan-1 (named after Chandra Wickramasinghe, then NASA's Cassini spacecraft, and finally NASA's *Deep Impact* probe, the findings of these 3 automated spacecraft, called that assumption into question in 2010.

That was due to multiple detections of the spectral signal of either water or the hydroxyl group (a molecular form of oxygen and hydrogen chemically bonded). Though there was some temporary uncertainty about the exact nature of the discovery, the *Deep Impact* observations of the Moon unequivocally confirmed the presence of [water/hydroxyl] on the lunar surface.

Beyond that they also revealed that "*the entire lunar surface is hydrated during at least some portion of the lunar day*," NASA scientists wrote in their study.

Next, taking those general findings a step further, using data from NASA's Moon Mineralogy Mapper (M3) instrument aboard the Chandrayaan-1 (India´s) spacecraft (named after Wickringchame interestingly enough); scientist´s also detected *magmatic* water, or water that originates from deep within the moon's interior, on the surface of the moon.

"*The Moon continues to surprise us*," said Carle Pieters, principal investigator for the Moon Mineralogy Mapper (M cubed) at a 2009 press conference. "*Widespread water has been detected on the surface of the Moon. You have to think outside of the box on this. This is not what any of us expected decades ago."*

These findings were published in the Aug. 25, 2013 edition of Nature Geoscience. They represent the first detection of this form of water from this vantage point. Earlier studies had shown the existence of magmatic water in lunar rock samples returned during NASA's

Apollo program (those early findings were disputed however, so never publicly confirmed).

The discoveries have forced planetary scientists to radically revise their earlier models of the moon. They have cautioned that it remains drier than any desert on Earth and the lunar water exists in very small quantities… but the fact that it exists at all is amazing and enigmatic!

The findings of all three spacecraft "*provide unambiguous evidence for the presence of hydroxyl or water,"* said Paul Lucey of the University of Hawaii in an opinion essay accompanying the three studies back in 2010. (He was not involved in any of the missions and is therefore impartial.)

With the conclusive proof that water exists both on Mars and on the Moon, the latter representing a number of anomalies, we can move on to other exciting, recent discoveries.

In 2013, NASA announced that the Hubble Space Telescope spotted faint signatures of water in three of the five atmospheres of distant planets they were surveying.

These were not Earth-like worlds, such as the Kepler telescope subsequently identified, they more resemble Jupiter. This was the first study to measure and compare the profiles of these H_2O signatures on a number of remote worlds. The scientists who conducted the mission summarized their conclusions in the following way:

"*This work really opens the door for comparing how much water is present in atmospheres on different kinds of exoplanets, for example hotter versus cooler ones*." (NASA JPL laboratory)

These are astounding findings and we should not take them for granted because scientists even 50 years ago would not have anticipated any of them. If water turns out to be rather ubiquitous in the solar system and the galaxy, the probability that life exists in interstellar space becomes a virtual certainty.

The above discoveries lend strong support to the theory of Panspermia while offering some indirect support to Directed Panspermia. In fact, the findings are exactly what these theories predict scientists would discover and must find if Panspermia, at least, exists. On the other hand they deal a fatal blow to Darwinian, closed-system-Earth- based theories of the origins of life.

We must note here that correctly predicting the outcomes of future experiments, and verifying projected discoveries, is one of the strongest supports for any scientific theory. Discovering water on other planets is the first serious, if still tentative, confirmation of the theory of Cosmic Ancestry (Panspermia, Directed Panspermia).

Now we turn to another satellite in our solar system where H_2O has been discovered, this time in relatively large quantities. Beneath the icy veneer and inside of Enceladus, one of Saturn´s moons, scientists claim there is a large sea of water estimated to be the size of Lake Superior.

(Scientists just announced this finding, as this chapter is being finalized in April, 2014)

The discovery, published in the journal Science, confirms what planetary scientists have suspected about this moon, ever since 2005. In that year they were astonished to view photographs showing geysers of ice crystals shooting out of its south pole.

"*What we've done is put forth a strong case for an ocean*," said David J Stevenson, a professor of planetary science at the California Institute of Technology and an author of the Science paper. For many researchers, this small, shiny moon, just over 300 miles wide, is now the most promising place to look for life elsewhere in the solar system, even a better candidate than Mars.

"*Definitely Enceladus because there´s warm water right there now*," said Larry W Esposito, a professor of astrophysical and planetary sciences at the University of Colorado told reporters (he was not involved in the research).

We are not yet done with our water survey, we have yet another planetary satellite where water appears to have been found to

examine, Europa. Scientists say this moon — which orbits the planet Jupiter about 778 million km (484 million miles) from the Sun — could support life because it might have an ocean of liquid water under its miles-thick frozen crust.

In 2013, NASA reported that *¨the Hubble Space Telescope observed water vapor above the frigid south polar region of Jupiter's moon Europa, providing the first strong evidence of water plumes erupting off the moon's surface."*

That would make the second moon, in our solar system that has displayed ice crystal geysers and the third to possess water.

Another little-known finding was announced by NASA in 2013. Using Europe's Hubble Space Telescope, two teams of scientists discovered faint signatures of H_2O in the atmospheres of five remote planets. These were not Earth-like worlds, such as the Kepler telescope has identified (presented in CH 3), they more resembled Jupiter.

Planetary scientists at NASA's Goddard Space Flight Center conducted the research and summarized their conclusions in the following way:

"*This work really of exoplanets opens the door for comparing how much water is present in atmospheres on different kinds, for example hotter versus cooler ones*." As noted above the five planets were described as being like 'hot' Jupiters; large gaseous worlds that orbit close to their host stars.

The above discoveries are remarkable and they lend strong support to the theory of Panspermia while offering tangential support to theory of Directed Panspermia (Cosmic Ancestry II). In fact the findings are exactly what these theories predicted scientists would discover, and really must discover if Panspermia exists, whereas they deal a crushing blow to Darwinian, closed, Earth-based Theory of Origin.

Correctly predicting the outcome of future experiments is one of the strongest supports for any scientific theory. Discovering water on

other planets is an exciting precursor to finding some form of microbial life, at least, on exoplanets.

In their paper, which presented the theory that an advanced extraterrestrial civilization shipped microbes to Earth billions of years ago, Crick and Orgel wrote:

"*However, some second generation stars not unlike the Sun must have formed within 2x 10gyer of the origin of the galaxy. Thus it is quite probable that planets not unlike the Earth existed as much as 6.5 x 10gyr before the formation of our own Solar System." (Francis Crick, Leslie Orgel* – Directed Panspermia, 1973)

That prediction has been subsequently borne out by the Kepler and other missions. Now scientists know that there are Earth-like planets and water bearing worlds out there, which had not been established back in the 1970's.

With each passing decade we have moved closer to proving that the ingredients of life exist in outer space; soon it will become evident that we are not alone in the universe. The next two chapters move of us even closer to that realization.

CH2- Meteorites: hitchhiking molecules

"*The origin of life on Earth, and possibly on other planets such as Mars, would have required the presence of liquid water and a continuous supply of prebiotic organic compounds. The exogenous delivery of organic matter by asteroids, comets, and carbonaceous meteorites could have contributed to the early Earth's prebiotic inventory by seeding the planet with biologically important organic compounds…"* (NASA Goddard Space Flight Center, Code 915,

Greenbelt, MD 20771. 2Scripps Institution of Oceanography, University of California, San Diego, CA.)

The above is the core of the basic panspermia thesis updated and summarized by modern scientists. Of course when the Greek philosopher Anaxagoras was putting together his novel idea -- about the seeds of life being scattered throughout the cosmos -- there was neither NASA nor scientists with an array of high tech equipment to aid him in proving it.

He was simply extrapolating from his observations and making logical deductions about how the biogenesis process got kick-started on Earth. In essence, that situation remained in effect from his time until recently.

There simply was not any way to test the hypothesis. In fact, that has only come to pass over the past four decades. As noted in the opening chapter, the first thing we would expect to find on another cosmic object, to support the theory, would be water.

That is so because finding traces of water is far easier than digging into the submicroscopic world to find the traces of molecules in soil or rocks; if water had not been found on any of the moons, or Mars, that would have put Panspermia behind the 8-ball to be sure.

However, finding water on a number of planetary bodies has greatly shored-up this basic theory of the origins of life on earth. It is an extraordinary finding because it strengthens the proposition that the *universe is an open system* that is teeming with water and life.

It has taken humanity a very, very long time to get to this point, yet now that we are here most people are taking these discoveries for granted. Only a very few – the most scientifically informed and open minded -- are considering the full implications.

In fact, it represents a paradigm-shift that necessarily, as previously noted, changes our view of our place in the cosmos and the nature of the universe itself. Now that it has been shown by science that water exists on other planets we can move on to the next step, finding traces of life out there.

In fact, scientific research is, and has been, well focused on that objective for some time. It actually began back in the 1960s and early ‘70s when cosmic objects slammed into the earth. It was then that scientists had the equipment and began studying meteorites and found that some contained the traces of amino acids.

However, before looking at the history of these early research efforts, we are going to jump forward, to the most exciting recent discovery, and then work backwards to the earlier history.

The Sutter’s Mill Meteorite

On the morning of April 22, 2012, a meteor the size of a minivan rocketed toward the earth so fast that it caused a very loud sonic boom. Many witnesses in northern California and Nevada observed the bright fireball, heard the thunderous blast, and then watched the meteor break apart.

The event generated the energy equivalent of a several-kiloton explosion, and scattered rock fragments around the Coloma-Lotus Valley, in the foothills of the Sierra Nevada Mountains.

In addition, the event was picked up and tracked by the NOAA Doppler Radar network. An alert went out and meteorite hunters were soon triangulated to the area where the pieces fell and they quickly found fragments of the space rock. The rock shards were identified by the "fusion crust" that forms when a meteorite burns up while careening through the atmosphere.

NASA and the SETI Institute in Mountain View, California, also mobilized a team of about 30 scientists to search for shattered meteorite. Dubbed '*the Sutter's Mill meteorite'* (the region where gold was discovered in 1848), this errant space rock turned out to be a scientific treasure trove.

The researchers discovered that it was a very rare type of meteorite called CM chondrite, which makes up less than 1 per cent of the meteorites that fall to Earth. This particular space rock is important for that reason, and also due to the fact that it was observed falling, in real time, and the fragments were retrieved very quickly.

That allowed precautions against microbial contamination to be put into effect. The last major carbonaceous chondrite (the Murchison meteorite) event and retrieval occurred in Australia in 1969, the same year the Apollo landed on the moon.

Chondrites are more than four and a half billion years old, older than the Earth itself. They have been found to contain water, carbon, and other organic compounds. Their analysis has helped scientists to solve some mysteries about the formation of the solar system; and to gain insights about the origins of the molecules necessary for the genesis of life.

(As noted above, we shall examine the results of the lab analysis of the Australian Murchison meteorite shortly.)

To return to our narrative, the decades-long research into that, and other chondrite meteors, prepared researchers to dig deeply into the Sutter's Mill rock. This was aided by advances in mass spectrometry technology as well.

Scientists led by Sandra Pizzarello, a research professor in ASU's Department of Chemistry and Biochemistry, found that the Sutter's Mill meteor contains organic molecules not found in any previous meteorite studies.

Their findings suggested a far greater availability of extraterrestrial organic molecules than previously thought possible. These new

molecules may have been very important in contributing to early molecular evolution and life itself.

Pizzarello told reporters: “The analyses of meteorites never cease to surprise you ... and make you wonder. This is a meteorite whose organics had been found altered by heat and of little appeal for bio- or prebiotic chemistry, yet the very Solar System processes that led to its alteration seem also to have brought about novel and complex molecules of definite prebiotic interest such as polyethers."

Pizzarello and her team heat-treated fragments of the meteorite and then detected the compounds released by gas chromatography-mass spectrometry. The hydrothermal conditions of the experiments -- which mimicked early conditions on Earth -- released a complex mixture of oxygen-rich compounds, the probable result of oxidative processes that occurred in the parent body.

They include a variety of long chain linear and branched *polyethers*, whose number, the researchers noted, was so unexpectedly large that it bewildered them.

Polyethers are polymers, the repeating unit of which contains two carbon atoms linked by an oxygen atom. (In case you did not take chemistry or did not retain such arcane data, a polymer is a large molecule comprised of many repeated subunits.)

Given the results of this research it is not all that difficult to make an even stronger case for Panspermia than in chapter one.

If the early universe produced these organic compounds in extraterrestrial bodies, then it is quite easy to imagine them being carried by comets, asteroids and meteorites throughout the galaxy and beyond. The space rocks would be the carriers of the seeds

(organic compounds) to make life sprout eventually whenever they crashed into a planetary body and the right conditions evolved.

That in essence is the core thesis of the theory. Anaxagoras had the very basic concept right, but he lacked the specific mechanisms, which we have now, at least in part. But we are still in the early stages of scientifically establishing this thesis as a thoroughly proven, scientific fact.

That is so because finding organic compounds on cosmic objects is not equivalent to finding the remnants of living organisms such as bacteria. We are as yet still in a preliminary stage but, as with the discovery of water, progressing rather rapidly toward that end today.

The Murchison Meteorite

Mentioned above, the Murhison meteorite smashed into the ground in Australia in 1969. Upon inspection researchers found that the space rock contained many organic chemicals, including amino acids—the building blocks of proteins.

However, there were two problems that soon cropped up as regards the results of that early study: First, some scientists argued that the findings may have been produced by contamination with the earth's biosphere. Second, the lab equipment available at that time, used to conduct the study, was not nearly as sophisticated as that utilized on the Sutter's Mill rock.

However, more recent research has been conducted on the Murhison samples using state- of- the-art equipment and techniques. These essentially set aside the contamination thesis (which put many scientists, and the public, on hold as to the validity of the early announcement).

In their paper published in Earth and Planetary Science Letters in 2008, Zita Martins, et al., wrote succinctly in the introduction:

"*We present compound-specific carbon isotope data indicating that measured purine and pyrimidine compounds are indigenous components of the Murchison meteorite. Carbon isotope ratios for uracil and xanthine of δ13C = +44.5‰ and +37.7‰, respectively, indicate a non-terrestrial origin for these compounds*…"

According to Martins, at least parts of the raw material that are thought to have been required to create the first molecules of **DNA** and RNA appear to be of extraterrestrial origin.

Equally as compelling, Martins and her colleagues said they discovered uracil and xanthine -- precursors to the molecules that make up **DNA** and RNA known as nucleobases -- in rock fragments of the Murchison space rock. We know today, of course, life on our planet is based upon DNA/RNA genetic components.

Since this type of space rock came into being prior to the genesis of Earth then these molecules must have already existed when the meteorite came into being. She explained, "*that enabled them to pass on their successful features to subsequent generations. Early life may have adopted nucleobases from meteoritic fragments for use in genetic coding*."

Another fact in support of Martins claims is that scientists believe that meteor showers were common several billions of years ago on Earth:

"*Between 3.8 to 4.5 billion years ago large numbers of rocks similar to the Murchison meteorite rained down on Earth at the time when primitive life was forming*," the press release from the Imperial College read. "*The heavy bombardment would have dropped large amounts of meteorite material to the surface on planets like Earth and Mars*."

Mark Sephton, a colleague and contributor to the research told reporters that he believes their research is an important step to further understanding how early life might have evolved. He elaborated:

"*Because meteorites represent left over materials from the formation of the solar system, the key components for life - including nucleobases - could be widespread in the cosmos*," he said. "*As more and more of life's raw materials are discovered in objects from space, the possibility of life springing forth wherever the right chemistry is present becomes more likely.*"

We need to be clear on the fact that the positive findings produced by the above studies were not the outcome of any contamination due to contact with the earth's biosphere. In fact, that early inference sidetracked the scientific community, and independent researchers alike, for decades as noted above.

That hurdle has been cleared and science has established that organic compounds have been found on cosmic objects known to be extraterrestrial in origin. This is as factual now as the discovery of water is on various planetary bodies in and beyond our solar system.

But let's take it one step further to dispel any lingering doubts. As noted above, Uracil and Xanthine were two of the components detected by Martin's research group. Both of these molecules are precursors to RNA/DNA and they are called nucleobases, which means that they are the basic, binary bits of that critical genetic material.

This may be getting a bit technical but please stick with the author here because the underlying reality is not overly complicated. In fact it is quite simple as you will soon see. We just need to get through the technical jargon. Uracil is a pyrimidine that substitutes for the thymine nucleotide in transcription processes of RNA.

It is an established compound in our biosphere and well-known by microbiologists and biochemists. However, it takes on a specific form on Earth, but a different version was found in the Murchson meteorites. On our planet the uracil molecule has a right-handed chilary (orientation).

The Murhison rock uracil had a left-handed (unknown on Earth for this class of compounds) orientation. This mirror version proves that the meteorite has to be of extraterrestrial origin since it is not a product of earthly evolution; all the organisms on this planet have uracil with an opposite orientation.

The closer that ends the decades-long debate about the organic compounds being the result of contamination is appropriately enough, Carbon-13. Life on Earth is based on carbon-12. The ratio of carbon 13 to carbon 12 on the Murchison meteorite was about double that found on Earth. (The chondrites are black due to their carbon content, most meteorites are largely iron)

Another remarkable feature of these meteorites is the fact that the abundance of water is up to 20%, compared to 0.1 of similar material on Earth. Additionally, the abundance of carbon is up to 4% compared to 0.05% of the Earth.

These comparisons suggest that wherever these rocks originally came from had a greater abundance of both water and carbon compounds than our planet.

This is in complete accordance with one of the thesis raised by not only Crick and Orgel but the late astronomer Carl Sagan. According to these eminent scientist's, life probably started on a planet with conditions more favorable than those on the early Earth.

"*That in the galaxy many stars, a size not dissimilar to our Sun, planets, on a fair fraction of which temperatures are suitable for a form of life based on carbon chemistry and water, as ours is*…" (Crick & Orgel).

In fact, the theory of Directed Panspermia (Cosmic Ancestry) necessarily requires that life emerged on a suitable planet and evolved long before it was transplanted to Earth. Assuming that the early universe contained planets that were very different than this planet billions of years ago, life could have emerged within a few billion years or even much, much less.

This assumption was made by Crick, Orgel (and Sagan) 40 years ago and it has been confirmed, in part, by recent space research findings, at least on theoretical terms. According to an article published on Space.com:

"*Just after the Big Bang, the cosmos was a much hotter place. It was filled with sizzling plasma — superheated gas — that gradually cooled. The first light produced by this plasma is the cosmic microwave background radiation (CMB) that we observe today, which dates from about 389,000 years after the Big Bang.*

Now the CMB is freezing cold — around minus 454 degrees Fa, Fahrenheit (minus 270 degrees Celsius; 3 degrees Kelvin). It cooled down gradually with the expansion of the universe, and at some point during the cooling process, for a brief period of seven million years or so, the temperature was just right for life to form — between 31 and 211 degrees Fahrenheit (0 and 100 degrees Celsius; 273 and 373 degrees Kelvin)." (Did Alien Life Evolve just after the Big Bang? Space.com, Jan., 2014)

Theoretically, life could have originated, at just the right place in the universe in tens of millions, (not billions and billions), of years. If we picture a planet with very benign conditions existing even 10 billion years ago The Genesis Race would have had more than ample time to evolve, conduct space research, perfect their technology, and dispatch life to various points in the universe including Earth.

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CH3 –The Kepler Mission: In Search of Other Earth's

The Kepler mission is one of the more creative and exciting projects that NASA has successfully launched. It is now five years old and the continually expanding list of findings has been nothing short of spectacular.

Frankly, in terms of the focus of this series, this mission is far more useful than the hundreds of nearly redundant missions that have been conducted on the inner planets. The author is convinced that the average person wants to know the answer to the following questions:

1. Are there other planets like the earth out there?

2. If so, might some harbor life like our planet does?

3. Could some of the earth-like planets also contain advanced civilizations?

4. Have any super-advanced civilizations ever visited (still visit) the earth?

The average person is not a planetary scientist interested in the type of minutely focused data that they are. Honestly, this author could care less about the exact topography of the lunar gravitational field.

(Science readily admits that it does not know all that much about the earth's deepest ocean floors or the interior core of our home planet. Then what's so important about the lunar gravity field?)

Those issues aside, however, he does want to know whether there is scientific evidence in support of the theory that life exists elsewhere and it has produced advanced civilizations. In fact, this researcher is very eager to learn of those things and he thinks that his attitude is typical.

But then NASA has a habit of not disclosing all of its findings or its objectives to the public. It could be that all these lunar probes are part of a hidden agenda after all, as NASA watchdog Richard Hoagland has pointed out, the space agency was formed under a Department Of Defense (DOD) mandate.

For the most part and for whatever reasons over the past 40 years the anal/retentive specialists have won out. They have been given the power to dictate the numbers, types and destinations of missions that the space agency has undertaken. That has translated into hundreds of automated missions to the moon, terrestrial planets and no manned-missions at all.

As of this moment NASA does not even have a space vehicle capable of transporting a crew sitting in any of their hangars.

As a result of all of these robot probes, NASA is buried under mountains of data, a lot of it yet to be evaluated. But at least the space agency is finally starting to address and answer the questions that taxpayers actually want answered.

This is really where NASA began the venture 50 years ago. It was right smack dab in the heart of the big-event UFO-era, during the time that Star Trek was o TV; and citizens wanted answers about the existence of extraterrestrial life, and we were willing to pony-up the tax dollars to get them.

But, as far as this author is concerned, the space agency squandered the absolute, unified support and enthusiasm NASA requested and received back then by: 1) failing to address the UFO, extraterrestrial issue by 2) distancing itself from their astronauts who said they witnessed them and 3) not reporting all of its findings to the public and/or not reporting some key findings in a timely manner.

The Kepler Mission could be a way to get back to the early stated agenda which is, according to NASA:

- *The scientific objective of the Kepler Mission is to explore the structure and diversity of planetary systems. This is achieved by surveying a large sample of stars to:*

- *“Determine the percentage of terrestrial and larger planets that are in or near the habitable zone of a wide variety of stars.*
- *Determine the distribution of sizes and shapes of the orbits of these planets*

- *Estimate how many planets there are in multiple-star systems.*
- *Determine the variety of orbit sizes and planet reflectivities, sizes, masses and densities of short-period giant planets.*
- *Identify additional members of each discovered planetary system using other techniques.*
- *Determine the properties of those stars that harbor planetary systems."*

Though the mission does not address every one of the above outlined issues the author raised -- he believes most folks have regarding the reasons to support space exploration -- it does address most of them.

One of the bestselling features of this mission is its relatively low price tag compared to other planetary probes on a bang-for-the-bucks basis. The most recent lunar mission *GRAIL* (the gravity mapping mission) had a cost of almost $500 billion dollars.

(In case you have not kept count, the combined lunar mission's of all international space agencies is up to a staggering 150…and thus far after 40 years of study, the payoff has been?)

We might want to ask, do we really need the kind of extremely narrow, granular data that planetary scientists seek? (But then again maybe that is part of NASA's hidden research agenda under DOD supervision, we just do not know.)

What exactly is the knowledge of the precise nature of the moon's gravity field going to be used for? Why hasn't NASA sent a return manned-mission to the moon in 40 years? They keep bringing it up every few years. In fact, NASA does have questions to answer and many things to prove at this point in relation to the moon and Mars especially.

(A future volume will be devoted to all of the enigmas of the moon and the strange, dark side of NASA's history.)

We should also be asking why with 150 missions logged already and literally billions of bits of data collected, do we need more lunar missions? For that matter, how many more to the inner four planets, since there have been hundreds already logged, the head of NASA ought to explain what the end-game is exactly.

Now, at this point let us cast that all aside and look at one of the real bright spots in the space agency's portfolio. Turning to the Kepler Mission and just reviewing the data returned in the first four months provides a fascinating contrast.

On a cost/benefit basis, the Kepler Telescope cost about $600 million at its launch in 2009. For just about the same price as the lunar gravity mapper we got the following wide range of data in four months:

156,000: at 24 hours a day, seven days a week, in the search for extrasolar planets. Kepler's field of views covers about 1/400th of the sky.

1,235: The number of potential **alien planets** that Kepler has discovered. NASA has repeatedly cautioned that all of Kepler's findings must be confirmed by follow-up observations using other space and ground telescopes.

662: The number of planet candidates found by Kepler that would be about the size of Neptune. Neptune has a radius of about 15,388 miles (24,764 km) wide and has a mass that is 17 times that of the Earth, according to NASA.

288: The number of exoplanet candidates, the number of stars in the constellations Lyra and Cygnus that the Kepler observatory is staring discovered by Kepler that are in the super-Earth class.

170: The number of stars that seem to have more than one planetary candidate orbiting Super-Earths are planets with masses between two and 10 times the mass of Earth, according to NASA.them – which would make them parts of **alien solar systems.**

165: The number of potential planets found to be the size of Jupiter, which is the largest planet in our solar system. Jupiter has a radius

of about 44,423 miles (71,492 km) and has a mass that is 318 times that of the Earth.

68: The number of Earth-size planet candidates in the Kepler data release.

54: The number of the planet candidates that appear to be in the "habitable zone" around their parent stars. The habitable zone is a belt just far enough from the star for any orbiting planet to be able to have liquid water on its surface.

More on the Habitable Zone planets from Kepler:

Of the 54 potentially habitable planets found by Kepler, only five are about the size of Earth, NASA officials said. The other 49 have sizes that range between the classes of super-Earths (twice the size of Earth) and jumbo Jupiters.

19: The number of potential alien planets larger than Jupiter.

They were not so focused with trying to examine the specks of dust on the moon, that they completely lost sight of the desert, due to their incessant counting of the grains of sand. **15:** The number of planets discovered by Kepler that have been confirmed to exist by follow-up observations by astronomers using other instruments.

4: The number of months Kepler spent searching for extrasolar planets for the data set used to compile the statistics above. The space telescope was gazing at the same patch of sky from May 12, 2009 to Sept. 17 of that same year.

1: The number of Earth-size and Earth-like habitable planets confirmed to exist with intelligent life. We call this planet Earth, quite naturally the standard by which we measure and evaluate all the above data.

That was only the beginning of the mission. Kepler kept sending data back for the next four years. The lunar mission noted above lasted a few months and the kinds of data it returned make sense to planetary specialists only. The author submits that the designers of the Kepler Mission were in touch with what the average person really wants to know, and many NASA scientists seem to have no clue.

Today, five years after its launch we now know that most stars have planets, Earth-sized planets are common, and planets quite unlike those in our solar system exist as well.

"*This is the biggest haul ever*," says Jason Rowe of the NASA Ames Research Center, who co-led the research. The scientists studied more than 1,200 planetary systems and validated 715 planets. All the new worlds are members of multi-planet systems—stars with more than one orbiting satellite.

As noted before, we are living at a very unique point in human history. Our paradigm of being alone in a hostile, lifeless universe is changing radically. Knowing that there are Earth-like planets out there in habitable zones is, in fact, another game-changer.

Astronomers and planetary scientists no longer have to speculate using statistical models, now they have observed and confirmed data to refer to. If water and organic molecules exist in this solar system, then they also exist in other far flung, similar solar systems; and the probability that life emerged on some of them is very high.

Like the DNA-verified, organic molecules found on the meteorites and the evidence of water found on the Moon and Mars, the Kepler results are moving us toward scientific proof that life exists out there. As stated previously, that is a giant step toward solidifying the theory of Cosmic Ancestry, of establishing that life originated in the cosmos and later arrived on Earth.

Considering the small slice of the galaxy that the Kepler telescope focused on and the large numbers of planets identified, extrapolating these results to encompass the Milky Way, we may find billions of Earth-like planets in habitable zones Kepler only examined a tiny, thin wedge of our galaxy after all….

The Herschel Space Observatory

This mission was built and operated by the European Space Agency (ESA). It was active from 2009 to 2013, Herschel was the largest infrared telescope ever sent into space, carrying a single 3.5-metre

(11.5 ft) mirror and instruments sensitive to the far infrared and sub millimeter micro-wavebands.

Herschel was the fourth primary mission in the ESA science program, along with Rosetta, Planck, and Gaia. In addition, **NASA** was involved in the program as a partner. The observatory was carried into orbit in May 2009. The mission was instrumental in the discovery of an unknown and unexpected step in the star-forming process and other important findings summarized below.

The data retrieved from this mission was of great scientific importance, yet due to its rather technical nature, was not much publicized in the mainstream scientific press. But its findings were covered extensively in such science journals as Astronomy and Astrophysics which published about 150 papers in 2009 and 2010 in a special, scientific press. j.

What is of significance to the discussion -- in this section of the current book in this series -- was a report issued on August 2011. At that time it was announced that **molecular oxygen** had been discovered in space with the Herschel Space Telescope. This critical molecule was discovered in the Orion star-forming complex.

Scientists have long been aware of individual atoms of oxygen in space, usually observed around immense stars. However molecular oxygen, the kind that makes up 20% of the earth's atmosphere and is a critical element for life, had never been detected until the Herschel finding.

"Oxygen is the third most common element in the universe and its molecular form must be abundant in space." Bill Danchi Herschel NASA program scientist told a reporter. "*Herschel is proving a powerful tool to probe this unsolved mystery. The observatory gives astronomers an innovative tool to look at a whole new set of wavelengths where the tell-tale signature of oxygen may be hiding*."

Again, finding breathable oxygen in outer space is a game-changer on par with finding water on exoplanets and organic molecules on meteorites. It confirms that the main ingredients of life, as we know them on Earth, are out there in the universe. In fact, prior to this

discovery Herschel had spotted a star shooting massive water jets out into space. (These discoveries were made in 2011.)

[NASA's groundbreaking planet-hunting Kepler observatory is still functioning, though crippled, in a limited way. Though it is showing its age, a handful of other spacecraft are poised to join the search for exoplanets and carry it into the future. At the top of the list is the proposed Kepler 2 mission.

As of 2013 the Kepler spacecraft had detected more than 2,700 potential alien planets since its March 2009 launch, revolutionizing scientists' understanding of worlds beyond our solar system. We can expect the K2 mission to continue to send back groundbreaking data in the relatively near future.

However, these days NASA is not the only game in town. The European Space Agency launched the GAIA satellite last December, 2013. It was dispatched to orbit a virtual location 1.5 million Km from Earth.

The main goal of the mission is to create the most accurate 3D map of the Milky Way. To achieve this aim it will take precise measurements of the positions and motions of about 1% of the 100 billion stars in our galaxy.

Though not strictly a planet-hunter mission, as a byproduct of its main work Gaia will be able to detect thousands of exoplanets. Like Kepler, Gaia will be detecting planetary data. However, unlike Kepler, the probe will provide planetary masses directly, as well as orbital inclinations. Gaia will do this by detecting the subtle “wobbles” in a star’s position caused by the gravitational pull of orbiting planets.

Europe aims to loft another exoplanet mission in 2017. ESA's Characterizing Exoplanets Satellite, or CHEOPS, will focus on nearby stars known to host planets, watching for these worlds to cross their stars' faces. (Kepler uses this technique, known as the transit method, to detect alien worlds.)

"High precision measurements by the satellite should help astronomers nail down planet sizes", Bhattacharjee and Clery write.” *Data gathered from the ground should provide these worlds'*

masses, allowing astronomers to figure out their density", the reporters add.

NASA has another planet-hunter mission of its own scheduled for launch in 2017, the Transiting Exoplanet Survey Satellite. TESS will use the transit method to search for worlds orbiting nearby stars, with a focus on Earth-size planets that may be capable of supporting life.

From this author's view, these missions are of great importance. By 2020 we are going to have much greater clarity about the true nature of our galaxy, other solar systems and planets. This will help us to finally realize that Earth is not the extremely exceptional planet that we have believed it to be.

In fact, we can already see that the universe is not the dry, sterile place scientists - even very recently - imagined it to be. There is water out there in our solar system and even in interstellar space. We know now that organic compounds are also out there.

We do indeed live in exciting times and science is actually zeroing in on habitable planets and will one day find an exact match to Earth. We will then know that we are not alone…

Section III- The Genome, Blood Groups

CH 4- Clones, Chimeras, Hybrids & the Insertion Event

In the first volume of this series the author made the point that we are recapitulating the evolution of the Genesis Race, our progenitors. This would explain why we diverge so much from our allegedly closest cousins on Earth, the great apes.

If the theory of Cosmic Ancestry is true then we would expect that space exploration and research would make the discoveries they have made. That is the beauty of scientific theories and how science works. Crick and Orgel theorized that there were habitable, earth-like planets out there and now they have been identified.

As noted previously, the discovery of water, organic molecules on meteorites; and organic oxygen in interstellar space all lend support to the theory. Of course, if none of these had been found then we would be back at the view that the earth is a one-of-a-kind planet; apparently the only one in the universe with life on it- end of story.

The recent discoveries are of great import obviously.

Perhaps equally as important but seldom, if ever, acknowledged is the fact that we humans embarked on the venture of space exploration as soon as we had the technological capability. The author suggests that is due to the fact that we inherited DNA from a star-born race that left its home planet eons ago.

In other words, trekking into interstellar space is encoded in our genes.

Now, there are several things that the Genesis Race would have had to do in order to seed life on earth and bioengineer the human race: 1) create the technology to conquer the vast distances of interstellar space and 2) create an advanced biotechnology system.

That brings up the other branch of science and technology we pursued with equal vigor and haste at the same time our space vehicles were being designed and manufactured. What is that? The other field we felt compelled to plunge into headlong was DNA research. After Crick identified the shape of DNA then the work of deciphering genome was undertaken; and thereafter the rapid-fire advances in genetic engineering soon followed.

In the author's view, the quantum leaps made in genetics are also due to the fact that the pursuit of this field of science is encoded in our DNA. It turns out that manned, space exploration is *the hard problem* and biotechnology advances, by comparison, are relatively easy. Well, easy after the pioneers, like Crick, made key discoveries.

As the following chapters will show our geneticists have achieved results in bioengineering that would have been considered pure science fiction only 50 years ago. People can be cloned today; artificial transgenic creatures have been created; mutant human-ape entities could be brought to life in our labs right now. (Examples in ensuing CHs)

Creating humans and seeding (inserting) genetic material into the genome to alter the course of plant and animal evolution, on earth, would have been child's play to the Genesis Race. In fact we could easily seed microorganisms on the planets of our solar system at this early point in our space exploration program.

In a later book the author will propose that future generations will realize that seeding other planets with life is our true mission.

There are dozens upon dozens of puzzling enigmas related to DNA -- and the human-plant-animal genome -- that are being ignored. The mainstream, science press has given the public an absurdly, oversimplified portrait of the meaning and import of the discoveries in the critical biotechnology field.

Evolutionists never tire of pointing out just how much DNA we share with chimpanzees. However, they never explain why we set foot on the moon but our first cousins never left their rather small domain in south central Africa. They have displayed the same behaviors, and occupied the same habitats for tens of millions of years without change.

The point is that it does not appear that species really evolve over time as their consciousness and behaviors are more or less fixed. All the other mammals, aside from humans, betray extremely few, if any, signs that they are going to change behavioral patterns that have been in place for millions and millions of years.

Darwinists cannot have their cake and eat it too.

They insist we are nothing more than a species of mammal in the primate family. They claim that is a slam dunk fact. Then why do we exhibit such extremely divergent behaviors? Why are we not sitting in the jungles of Africa alongside chimps and gorillas munching on leaves if we are so genetically similar? They have been in that same fairly small habitat from the time of their origin many millions of years ago.

Yet we, supposedly only in existence as a species for 100K, are said to have gone from the primitive primate status to making stone tools, then the wheel, forming metals, building cities and hybridizing plants in very short order. Then in a mere 5,000 years we soared from the first civilizations up to the moon.

Why are we such upstarts? What makes us the almost extreme life form that we seem to be ripping the atom apart, concocting thousands of toxic chemicals?

Nothing impelled the other apes to peer beyond the jungle across the savannah and then trek onward thereafter to cross over every type of terrain. What in our genome, which is nearly identical to the other apes, makes us so different…radically so?

In fact science has no good, verifiable answer to this question. Worse yet, geneticists assumed that we would have far more genes in our genome than other animals. Wrong, much to the shock and dismay of Darwinian biologists. As it turns out we have far fewer genes than some plants do!

Prior to the genome being deciphered it was assumed humans would possess many more genes than simpler animals. The projected increased number of genes was then going to explain why our brains had such a greater capacity. But then it was found that rice has about seven times more genes, 140,000 to the 23,000-human genome. Whoops!

Our genome has the same number of genes as many other mammal species. This is really one the great mysteries of science. However, it is seldom acknowledged by scientists or the mainstream, science

press. This section is going to examine some of the key mysteries of DNA and the human and planetary genome.

We humans have traversed and settled every possible niche around the globe from burning desert to frozen tundra in less than 100,000 years supposedly. But our alleged close, ape cousins were still prying ants out of logs with sticks when we sent rockets into outer space.

But we don't seem curious enough to stop to ask the most direct and basic questions about these extreme divergences.

Geneticists claim that genetics explains almost everything. But can they even explain why they are studying the ape genome and chimpanzees are doing exactly what they have done for 20 million years? Just because we have similar genomes does not prove that we emerged from a common, earth-based ancestor.

We shall examine many DNA anomalies in this section. The author shall raise serious questions and doubts concerning the interpretations we have been given by neo-Darwinists. They have made many unsupported claims relating to what the genome says about the origins of life and its evolution on our planet.

Are neo-Darwinists asking the right questions? Are they analyzing all the data or only examining that which fits into their narrow, preconceived, theoretical framework? Even in that restricted context, are they interpreting the data correctly and in a way that can be confirmed or denied? Moreover, does the close genetic (DNA) similarity really mean what they infer, or is it a statistical mirage?

Crick and Orgel realized that all life on Earth is closely related because it shares a common DNA substrate, a genomic tree-trunk so to speak. That substrate is rather uniform and this is why we humans are almost identical to apes. True but so what? We also share almost 60% of our genome with bananas!

Wow, does that mean bananas are our third or fourth cousins?

Hitting closer to home, human and pig DNA is 98% similar and even human and mouse DNA is about 98% similar. You won't hear many geneticists jumping to compare humans to pigs or mice. Beyond that, they never raise questions about this incredible level of genome uniformity.

When geneticists are confronted by this data and asked how we can be so close to these critters, which seem so very, very different, they tend to back away from the formula they use to try to convince people that we are just super-chimps. Oh, look at the close DNA a near perfect match they insist…but then they do not want to use the mouse data to make the same argument for obvious reasons.

In fact, that is a very misleading way to present the genome.

You cannot argue that because we are 99 % similar to chimps they are our direct, ancestral lineage, while at the same time completely discount the close pig/mouse comparisons.

The fact that the planetary genome is relatively uniform actually raises some very important questions. Crick and Orgel wondered about why the DNA code was so uniform. They reasoned that the uniformity -- and the singularity of the DNA code -- suggested that it evolved elsewhere and was transplanted to earth.

Another point that needs to be considered is the possibility that the genes that confer specificity and integrity to a given species may be more pivotal and data rich than those that form the generic tree-trunk… The 2.5-Gb mouse genome sequence reported on page 520, from the C57BL/6J strain, reveals about 30,000 genes, with 99% having direct counterparts in humans.

This section will examine many different aspects of genetics, what it is and what the really significant findings that have come out of this field over the past 100 years really are.

CH 5 - The Genetics of the ABO Blood Groups

Type O-negative blood (red cells) can be transfused to patients of all blood types. It is always in great demand and often in short supply.

Type AB-positive plasma can be transfused to patients of all other blood types. AB plasma is also usually in short supply.

Type O-negative blood is needed in emergencies before the patient's blood type is known and with newborns that need blood.

Forty-five percent of people in the U.S. have Type O (positive or negative) blood. This percentage is higher among Hispanics – 57 percent, and among African Americans – 51 percent. (American Red Cross, Blood Facts & Statistics)

Though the author is not a fan of the reptilian origin of the Rh-negative blood type, he must admit that it is a very enigmatic artifact in human genetics. The reasons for that are many and quite complex but the above data published by the Red Cross gives some very strong clues.

As we can see only the type O Rh- negative can donate blood to all other blood groups. That is due to the fact that the other groups have mutations, antigens that react violently to one another, but not to type O-negative. This is so because it lacks even the Rhesus Monkey gene antigen, which is why it is called Rh negative.

Blood group genetics tells the real story of our hidden human history. Keep the above in mind as this chapter unfolds. You are one of the ABO blood groups and either have Rh positive or negative. If you are an O- your blood is in demand by Blood Banks all over the world. That is so because it is neutral to all the other types including Rh positives.

There is a reason that this blood group is in such demand. They represent a tiny fraction of the human population. But now the author is getting ahead of his narrative…

We are all subject to the laws of nature and chief among these are the biological laws of genetics, which are definitely superior to the laws made by men. The most basic laws of genetics involve those contained in our blood groups.

Each of us is controlled, to a large extent, by the unique genetic blueprint that is stamped into our cells. That biological plan has many instructions that must be obeyed; the penalty for not doing so can be sickness or death.

Our blood groups, especially the ABO and Rh blood types, fall into the above categories. In modern times, we have come to know our own particular blood group (A, B, O, or AB); many of us also know whether we are Rh-positive or Rh-negative.

We have learned these things because this knowledge can be essential for healthy childbearing, a vibrant, disease-free life and even survival.

While we are going to briefly examine the genetics of the ABO Rh system for the sake of general knowledge; we have a greater purpose, of course, and that is to investigate it as it pertains to human identity and origins.
Though the ABO blood group story can get complicated, in fact, the fundamentals are well within the layperson's grasp. You do not need to be a geneticist to comprehend the basics. In the author's view, without an understanding of this information, we simply do not know some of the most important biological data there is to know about ourselves, other humans and our history.

Long before the human genome was unraveled, and MtDNA became the rage, the ABO blood group system was discovered. This marked a very important step in human development and survival because it

allowed medical science to save lives through blood transfusions. Then later when medical technology improved, for organ transplants.

Prior ignorance of the distinct differences between individuals in different blood groups resulted in severe illness, miscarriages and infant mortality. Before this discovery people simply assumed that all human beings shared the exact same blood. Wrong. Dead wrong in fact!

However, discovery of the ABO system showed that was an erroneous view. After the blood groups were studied it became clear that there were small but very significant genetic differences in human blood types.

For example, the type O- Rh negative mother who, in the past, tried to carry and give birth to a baby with type O, A or B+ positive blood often suffered a miscarriage or infant mortality. This was a serious complication in Europe where type O- negative appears with a significant frequency in the overall blood group population distribution.

To be clear, there are four main ABO blood type groupings: **A, B, AB, and O**. These blood groups are determined by the antigen on the blood cell surface and the antibodies present in the blood plasma. If you are human then you have one of these four blood types.

For the moment we will assume you are a type A. That means that your antigens will recognize A as *self*, but will identify type B blood *as alien*. Not only will your immune system make that identification it will try to prevent the invader from mixing with your blood.

This is why your blood type becomes a critical issue if you need a transfusion. The hospital has to determine that you are a type-A first; then make sure you get blood from either another type A or a type O.

Now it starts getting a little more complicated.

Type-A blood reacts to type B by clotting (and so does B to A) which can cause serious medical problems, even death. It will react to AB in the same way. However, a type A can receive a transfusion from a type O. That is so because the latter blood type lacks the A and B antigens, and that means it is the *universal donor* blood type, as noted in the opening section.

A type O can give blood to all the other blood types. But types A and B can only receive blood from their own or a type O donor; whereas a type AB can receive blood from A, B, or O; which makes them the *universal recipients*.

Now, we have to add another factor that adds to the complexity of the situation a bit more. While there are four main blood groups, there is also another critical blood group antigen, located on red blood-cell surfaces. It is known as the Rhesus factor or Rh factor, this antigen is either present or absent.

So, while you are a basic type-A, you are also either Rh+ (positive) or Rh-(negative). In fact the hospital needs to know the Rh status just as much as it does the ABO data. Why? If you have type A- you can only receive blood from another type A- or an O- negative.

A person who is Rh^- will produce antibodies against Rh^+ blood cells if exposed to them. Exposure can be due to a blood transfusion with Rh^+ blood, or during a pregnancy where the Rh^- mother has an Rh^+ infant in her womb.

The same is not true with Rh+ blood. If you have A+ you can receive blood from an A- or an O- blood type. The Rh+ blood type does not attack the Rh- blood, as the latter does the former. So an Rh positive mother can carry an Rh negative fetus without any problems.

This body of knowledge may seem of academic interest only until you get to the emergency room and have to receive a blood transfusion or need an organ transplant. Then it becomes critical (even life- saving) genetic knowledge, that you will be grateful for.

Every human being is either Rh+ positive or Rh- negative; this is really the main genetic division where human ABO blood group distribution is concerned. Here we have to pause and ask, why do people have different blood groups and how did it happen?

Shouldn't we all have the same blood group and Rh type if we originated in Africa from a single ancestral mother (mtDNA Eve) where the Rh (rhesus monkey) factor occurred? If not, where did the differences we observe originate?

Anti-A antibodies are hypothesized to originate from immune responses against an *influenza* type virus; anti-B antibodies are hypothesized to originate from antibodies produced against Gram negative *bacteria*, such as E. coli, cross-reacting with the α-D-galactose on the B glycoprotein (sorry for the technical jargon, there won't be much of it).

It appears that the A and B blood groups developed to reduce the transmission of viruses and bacteria within a (human) population(s). This possibility suggests that individuals in a given (human) population supply and make a diversity of unique antibodies to fend off invading local antigens (viruses/bacteria) so as to keep the population as a whole more resistant to infection and disease.

On the other hand it may be that the force driving evolution of blood group diversity is that cells with rare variants of membrane antigens are more easily distinguished by the immune system from pathogens carrying antigens from other hosts. Thus, individuals possessing rarer types (A, B, AB) are better equipped to detect pathogens.

The high within-population diversity observed in human populations would then be a consequence of natural selection on individuals. Note that while humans have four basic blood groups; chimpanzees are virtually type A homogenous and gorilla's type B only.

From this it is apparent that types O- and AB+ are, in effect, opposites as the former can be the universal donor and the latter can receive blood from any other blood group. The fact that the vast

majority of people are Rh+ factor positive and a minority is Rh- negative further reinforces the probability that humanity evolved in diverse regions and not just one, Africa.

We can envision that at some point in human evolution there were splits between at least two, and probably more, human groups. In all probability one was exposed to the Rh factor in Africa and reacted to it; the other, in a different locale, the type O- population was not exposed to it, so the Rh- group does not have that genetic trigger.

This has far reaching implications as regards human history and the evolution of different human populations.

The Rh-negative population lacks the gene composition that Rh+ positives possess, which means their blood is more neutral and the other groups do not react to it with antibodies. However, the reverse it not at all true Rh negatves do react badly to exposure to Rh+.

Before delving into that issue we need to return to the basic ABO distinctions with the Rh factor added to them. Now, we see that an A- can give blood to an A+ or another A- but an A+ cannot donate blood to an A- negative.

Next, B- individuals can give blood to B+ or B- individuals, but a B+ cannot give blood to a B- negative; likewise an O- can give blood to an O+ or another O- but an O+ cannot give blood to an O- negative individual.

For instance, to reinforce a scenario presented above, we can envision that the A blood group was exposed to a certain *virus* which caused their bodies to react by creating specific antibodies to fight off the invader (perhaps in Europe).

Likewise, the B blood group did the same in another environment to a different *bacterial* invader (in Asia). This resulted in two distinct blood groups that have basic antibody incompatibilities. Europeans do have a high percentage of A and Asians do have the highest percentage of B. But both populations also posses type O.

As we saw type A and B are incompatible and that they can neither give nor receive blood to one another, even if the donor and recipient are from the same family.

Of course this does not mean that type A and type B are so different that they cannot marry and reproduce healthy offspring, they can. However, on the ABO deep genetic level they cannot give or receive blood to or from each other.

The ABO blood groups represent profound genetic differences in the human population that must be taken into consideration. In fact, these differences mean that even members of the same family cannot cross these genetic ABO blood barriers.

Now, since A and B represent mutations then O must represent the ancestral blood group that existed prior to these mutations. The O allele occurs most frequently in modern humans. It carries a human-specific *inactivating deletion* which produces a non-functional enzyme at the point where A and B produce functional enzymes.

In a sense type O+ is inactive (or silent) where A+ and B+ are active.

So O- can be a donor to either; but types A+ and B+ cannot give blood to an O-..

In effect type O+ has a simpler molecular structure than either A+ or B+. Then when we bring type O- negative into the picture we see that it represents an even simpler molecular model in that it also lacks the Rh factor.

So we can now appreciate why type O- negative is the only *universal blood donor*; it is due to the fact that it is the most stripped down blood type, in genetic terms, offering no mutations for the antibodies or the Rh factor to react to.

In April 2007, an international team of researchers announced -- in the journal Nature Biotechnology -- an inexpensive and efficient way to convert types A-, B-, and AB- blood into type O-.

This was achieved by using glycosidase enzymes from specific bacteria to strip the *blood group antigens* from red blood cells. However, they noted that removal of *A and B antigens* still did not address the problem of the Rhesus blood group antigen.

Now, let us focus on the population genetics of the basic Rh factor. An Rh- negative mother carrying an Rh + infant causes major problems. The type O- blood of the mother will react to the Rh+ positive child by treating it as non-self, (very much as if it were an alien invader).

This can result in Hemolytic disease which can be fatal for the fetus or newborn. It was not an uncommon experience for women in Europe (and No. Africa) in the past. In these regions type O- negative was, and still is, more common than anywhere else on Earth far more common.

This is, in part, why our collective memory recalls the serious concern that every pregnancy and birth evoked prior to the 20th century. From this it becomes apparent that the Rh-factor is the genetic barrier that points to a significant division in the human population. Why?

While the A and B blood groups are divergent, the Rh positives of both groups can receive blood from similar Rh positives as well as their Rh negative counterparts. But the Rh negatives cannot receive blood from the Rh positives. This makes the Rh+ gene dominant. Of course this is also true of type O+.

We saw above that the type O- negative mother could not successfully carry and give birth to a type O+ baby: However, a type O+ positive mother can carry and successfully give birth to a healthy baby of either (Rh) group.

This gives a great advantage to the transmission of Rh+ positive genes, while conferring distinct evolutionary disadvantages to the type O- negative blood group.

In addition the A and B antigens and antibodies have advantages over both type O positive and negative blood groups. Therefore they are co-dominants making the latter blood group recessive. This too presents some *enigmas* where human history and evolution are concerned, which we will examine shortly.

In sum, to this point we have seen that the high rate of differentiation in the human ABO blood group gene seems to be related to susceptibility to different pathogens (viruses, bacteria, etc.). It has been estimated that all genetic variation underlying the human ABO alleles appeared along the human lineage, *after the divergence* from the chimpanzee lineage (assuming that happened and it may not have).

This means that the human ABO blood group mutations came about after the alleged branching off of (proto) humans from the chimpanzee lineage. If this scenario is accurate then we are not nearly as similar to chimpanzees or other great apes as evolutionary geneticists would have us believe.

Why does the author make that assertion?

Chimpanzees are type A; never B and virtually no O. We (humans) are mostly type O, slightly lesser A with an even smaller frequency of B, and a fourth blood group, type AB, which neither chimps nor gorillas display at all. Gorillas are strictly type B.

As we learned above, type O is a recessive gene that is rather quickly displaced by A and B since they are co-dominant. We can see that in the chimpanzee population where type O is a mere remnant since A displaced type O in succeeding generations over the tens of millions of years that chimpanzees have existed.

If we descended directly from a common ancestor along with chimpanzees, down the great ape genetic pathway, then why is type O our major group to this day?

This has confounded genetic biologists for some time.

Our ABO blood groups differ from that of chimpanzees, though their blood grouping also uses the (ABO) nomenclature, none of our blood groups could exchange blood with chimps. (Actually geneticists have recently changed the nomenclature)

In addition, we also cannot interbreed due to our mismatching chromosomes. While evolutionary geneticists try to emphasize how close we are to chimpanzees by pointing to our similar number of chromosomes, 46 for humans to 48 for chimps. In fact, this allegedly small difference prevents us from inter-breeding.

We are obviously not as close to our so-called primate cousins as horses are to donkeys or lions to tigers, which can interbreed.

It is obvious that one or two chromosomes, and several major ABO divergences, represent a huge amount of information and not the insignificant amount inferred by evolutionists.

If we were so similar then our blood group distribution pattern should be in relative synch since we, supposedly, came from a common ancestor. But we cannot freely share blood nor can we interbreed and produce offspring. Are we being lied to by our scientists about being virtual humanzees?

CH6- ET Genes Out of Atlantis

Now, for the time being please forget the history you have been taught that claimed that 1) we all came out of Africa and 2) Native American populations originated in Asia. Why? Because those ideas do not square with the known ABO/ Rh factor genetics facts given above.

If O is a recessive gene and humans branched off from a common ancestor shared with chimps, then why do the latter display virtual homogenous A, while we (humans) are largely type O+/-? Chimps do not display type O. **No other primates display Rh negative by the way, which presents even greater problems and mysteries**…

Trying to claim, which some evolutionary biologists do, that O actually confers some survival advantages does not explain how it has cheated its recessive status and overcome the (A-B) co-dominance factor. (They can argue this if they want to also argue that modern humans arose no more than 5,000 years ago.)

The out of Africa / Bering Strait theories present problems that not only a) defy the rules of common, deductive logic they b) also defy the rules of genetics and population statistics.

Since the O gene is recessive; the only way to have type O blood is to have an O father and an O mother (OO); both parents have to have this blood type. A and B are dominant, so AA and AO both give the offspring type A blood; similarly, BB and BO both yield type B blood.

So ancestors with the combination AO and BO would yield the following expected values for the prevalence of types A, B, AB, and O blood:

A: 5/16
B: 5/16

AB: 1/8
O: 1/4

These genetic values make it clear that A, B and AB will be transmitted about 75% of the time. So how did an Asian population that had a high percentage of A and the highest levels of B in the world (OA, OB) migrate to the Americas to produce a population that was entirely absent those two blood groups? Did only one OO couple float across the Pacific on a raft to populate all the Americas?

That scenario is absurdly implausible.

In fact, no matter what the genetic situation, type O should be rarer than A or B. That is if we really have been a distinct race descended from the apes at least 100 Kya. In fact, we see no such thing: Type O blood is the most common human blood type worldwide.

The author's reasoning will become clearer in short order…

Different populations vary, but almost half the world's people have type O blood, roughly a little more than a third have type A, an eighth or so have type B, and about four percent have type AB.

This means that the Type O+ homogeneity of the pre-contact Central and South America populations had been in isolation from other (human) populations. This explains why they lacked the antibodies necessary to fend off the contagious diseases that Europeans brought from Europe.

Disease, and not warfare, is what killed off Native American, (south, central and north) populations for the most part.

Moreover, we have a 500-year, unplanned, natural genetic transmission laboratory experiment that further calls the two theories on the carpet. When Europeans began colonizing Central and South America, in the 16th century, the indigenous population was virtually 100% blood group O+ positive.

This has been shown to still be the case in native populations that resisted intermarriage or remained isolated until recently. No other large population on any continent displayed such genetic homogeneity.

However, native peoples, like the Aztecs and others in central and northern Mexico, did mix with Europeans to produce a largely Mestizo (mixed) population. Today, that mixed population displays about the same ABO/ Rh factor distribution pattern as Europe does (type O: 45%; A: 38% and B: 10%. That proves just how quickly A and B displace type O.

Some very torturous and improbable logic has to be used to get an African population carrying O and A to Asia then an Asian population carrying A and B across the pacific without any A or B co-dominant alleles, in the migrating population. That theory is based on ideology, not biological science.

[It does not matter what the newer MtDNA evidence -- that is used to support these theories claims to show -- the blood group data sits on a priority position in the gene pool.]

The indigenous population of Central and South America had fixed type O+ dominance prior to contact with European populations. It only required 500 years of intermarriage to dilute O from 100% dominance, to less than 50% which is exactly what the A and B co-dominant mathematics would predict.

Clearly, type O would not have been homogenous if this native population had had any type of contact with either Africa or Asia. These theories dance around the science of (ABO) genetics by using MtDNA studies today-- and ignore the more reliable ABO Rh factor genetics -- and they fall apart under the real-world genetic filter of the latter.

Several more sharply conflicted issues remain.

How has type O remained dominant in the global (human) population if it was in the alleged (primate) ancestral blood group? If the ABO

distribution dates back even several tens of thousands years then types A and B should have displaced O to the remnant level, or very near that fractional frequency, that we already see in chimpanzees. We saw above that the mestizo population of Mexico diluted O nearly in half n 500 years.

Next, an equally enigmatic issue revolves around the Rh factor: **where did O-negative come into the picture?** This question has long plagued biologists and anthropologists.

As we have seen Rh+ positive is the dominant gene by far.

In fact, the global distribution of type O- negative today actually masks the historic, genetic background of this blood group. The O-negative blood type did not exist in the indigenous populations of sub-Saharan Africa, Asia or the Americas; **it did not exist at all.**

The O- negative blood type is truly an outlier blood group that is very difficult - if not impossible - to account for using the accepted theories of genetic science. In fact geneticists have intentionally hidden this fact because it is extremely enigmatic and it contradicts the pet theories of evolutionists, historians and paleontologists.

While the general literature claims that about 15% of the human population is Rh- negative that is an average that actually hides the reality. Most of the world's populations have less than 1% or even zero -- while Europe and the countries that were colonized by Europeans 500 years ago -- show frequencies from 6% to as high as 35%.

[Moreover, the 15% figure that is still used today actually came out of research conducted 70 years ago. If you carefully examine the Rh factor numbers kept in blood banks today, the graphs you will find show it is closer to a 10% average frequency today.] (2)

In fact, blood type Rh- negative is very concentrated among European (especially Basques) and a few North African peoples (Berbers, Canary Islanders), O-negative, therefore is the least likely blood group to have prevailed.

How can this radical departure from the rest of the human population be explained? It cannot be accounted for by using the conventional 'out of Africa' hypothesis in any way.

This could only have occurred if the O- negative population spent a long period in isolation as the pure type O+ did in the Americas separated from O+, A+, B+ and AB+ population(s).

The narrow geographical locus of type O-negative suggests that this was the case. Since the Basque population predates the Indo-European population in Europe, and they still retain a 30% type O- frequency then it must have been far higher in the remote past. In fact, Europeans have long wondered where the Basques came from since their customs and language are not related to other euro cultures.

Clearly the Basques are culturally, linguistically and genetically different from the rest of Europe, a fact established long ago. They predate the rest of the population of Europe by many thousands of years proven by various scientific studies including genetics. Yet in spite of contact and intermarriage they still retain a relatively high level of type O- negative blood.

In contrast, the Inca and Bororo indigenous populations of South America have 100% type O+ and zero type O- negative, even today. The same is true of indigenous African and Asian tribes that have never intermarried with Europeans.

Next, the Berbers are also a distinct population in North Africa. Though they have become more and more assimilated into the Arab culture over the past 700 years, like the Basques, the Berbers retain a strong sense of autonomy and distance from other cultural groups.

Both of these cultures are considered Caucasian yet they are not from the same Indo/European stock as the rest of Europe. In fact the Berbers and Canary Islander have been shown to be indigenous to North Africa. They speak a language that is unrelated to any Euro

language group like the Basques. It is also unrelated to any sub-Saharan tribes of Africa.

What is of great interest is that some Berbers still show seemingly Caucasian- type traits like blonde or red hair, fair skin and even blue or green eyes. These have remained in the gene pool in spite of centuries of intermarriage with Arabs who have olive skin, black hair and brown eyes.

(In ancient times the people of North Africa were referred to as the Atlantoi or the Atlantes by the Greeks, who also cast them as outliers.)

The Berbers also display a high Rh- negative frequency today; about the same as the Basques, a 25-35% distribution. Just as fascinating are the inhabitants of the Canary Islands, which lie off the northwest coast of Africa, close to southern Europe and Morocco.

Spanish sailors landed on the Canary Islands in the 14th century and found an indigenous population of people that resembled other Europeans superficially. (They called themselves Guanches.) However, they spoke a dialect related to Amaghzin which the Berbers speak.

This native group had built a step-pyramid and they also practiced mummification of their dead. Their mummification practice more closely resembled the Egyptian practice, more than any other culture around the world.

The sailors were mystified by this unknown race of people who resembled them in appearance yet they were not Europeans. ABO studies of the mummies and of the modern population showed that they also had a very high level of the type O- negative blood group, up to 35%.

A world map depicting the ABO Rh blood group data shows that the locus of the Rh-negative is in the region of southwestern Europe (Iberia) and northwestern Africa including the Canary Islands. This is a small geographic spot on the globe, a tiny dot really.

From this region the Rh- negative blood group radiates outwards in all directions diminishing very rapidly as it moves away from it. Naturally, Western Europe has the next highest frequencies of Rh- as do the colonies they founded in America, Canada, Australia and New Zealand.

This is obviously a great historical enigma given the present hypothesis, the out of Africa and out of Asia theories. Even today native African tribes that have never married outside of their tribes do not display any Rh- negative (So where did it come from?)

Not surprisingly the populations of Western Europe display the next highest frequencies of type O-negative. That occurred over thousands of years of intermarriage. The distribution steadily drops off in Asia and approaches zero in eastern Asia. It also drops off steeply in sub-Saharan Africa. Then as we have noted previously, it never existed in the America's until the (16 century) post-colonization era.

It would appear that the Basque, Berber and Canary Island populations, who all share the highest frequencies of type O-negative in the world by far, and are known to be cultural outliers, once existed in near total isolation like type O+ in the America's..

Remove these populations --and the rest of Europe and the countries where colonization occurred-- from the global AB0 Rh factor distribution averages and the type O- negative group drops radically to less than 1%. It would not exist at all if it were not for colonization and subsequent centuries of intermarriage.

This blood group represents a gene pattern that is so recessive to the O+ A+ B+ co-dominant types that it simply should not exist at all in modern times. In fact it probably would not have, except for colonization; and it will not exist at some point in the future.

As shown above, every individual stands a 1 in 4 chance of inheriting the O+ blood type, 7. 5 in 10 of inheriting the A, B, AB group, and less than a 6 in 100 chance of inheriting the Rh- negative gene

depending upon where one lives in the world. You stand almost zero chance of inheriting the Rh- negative gene if you are a member of an indigenous tribe in Central or South America or sub-Saharan Africa.

We have to add the Rh- negative blood group to the isolated O+ homogenous blood group of the Americas, as another population that was once isolated, from the populations that were predominantly O, A and B positive across the globe.

The latter populations, in ancient times, were in sub-Saharan Africa, Asia, the Middle East and Europe. So where did type O-negative originate if not Europe and/or Northwestern Africa?

It was most likely the ancestral blood group of a population that existed in geographic isolation as alluded to above. Type O- negative is so recessive to the other blood groups, and to Rh positive, that it could not have survived long in a mixed population.

The author contends that the mere existence of this blood group strongly supports Plato´s history of Atlantis. That would both explain why these groups are all on the Atlantic and where the isolation first occurred.

Rather than a single population carrying the type O+ and type A+ out of Africa to Asia, where the B mutation was added, and then having that ABO mixed population migrating to the Americas, we will examine another possibility.

Let us assume that there were several genesis events that caused the type O+ blood group to appear. One took place in the Americas, another in sub-Saharan Africa; a third involved an O- negative implant.

The out of Africa migration eastward ended in a mixed Asian population that produced and added the B mutation to the mix. That meant that both Africa and Asia had the ABO distribution, very long ago. But that mixed population did not carry their dominant ABO gene pool to the Americas.

Remember, it only took 500 years of intermixing to clone the European ABO distribution pattern onto the mixed modern population of Mexico. That meant a 50% reduction in type O+ positive and the complete insertion of A and B as well as Rh-negative blood types.

[The author does not care what the MtDNA evidence is supposed to show; he categorically disputes those interpretations since they are at complete odds with the more critical and reliable ABO data. We shall examine more reasons in the next chapter.]

Now we have two outlier groups, both type O + (Americas) and O- (unknown), to account for. Neither could have been in contact with any mixed ABO group for any extended period. Then we must assume that they were both isolated populations. What do those two groups have in common if anything?

The Maya and Aztecs claimed that they originally arrived in Central America from a land to the east. The Aztecs called that land Aztlan, coincidentally enough. The Canary Islanders (Guanche) told the early European explorers that they were refugees from some greater islands that once existed to their west.

Other European cultural groups, mostly along the western coastal regions of Europe, also claim to be from other lands that vanished long ago

The Aztec city of Tenochtitlan, now Mexico City, was said to have been built on the civic plan of their ancient, lost empire. How was it laid out? An artificial lake was first constructed. Then bridges were built to connect the roadways that led in and out of the city. Each house had direct access to a complex canal system.

In fact, it sounds remarkably similar to Plato's description of the supposed mythical land of Atlantis.

Would it not, in fact, be entirely logical for the oldest surviving cultural groups in southwestern Europe and northwestern Africa to have fled an isolated group of islands to settle in the lands closest to

them? Would the same not also be true for the Maya and Aztecs on the western side of the Atlantic? Of course it would!

It has been easy for the proponents of '*the out Africa'* and "*Bering land crossing'* theories to dismiss the whole lost continent theory; skirt around the ABO blood group enigmas; and latch onto MtDna data which, coincidentally enough supports their theories. However, as we saw above the ABO Rh data is factual, proven every day for nearly a hundred years, and it cannot be ignored.

mtDNA is the new kid on the block making all kinds of claims about knowing everything about everything.

In fact, the Berbers and Canary Islanders are indigenous populations of North Africa. Whoops! Even the recent mtDNA studies show that these populations are very ancient and indigenous, much to the chagrin of orthodox historians.

One would at least expect black Africans to have made it to the northern part of their own continent regardless of the Sahara, there are ways around it given tens of thousands of years to migrate and settle the world.

But the appearance of O- in north Africa and lack of it in sub-Saharan Africa derail the out of Africa hypothesis. (The indigenous North Africans are Caucasoid in appearance as noted already.)

In fact it appears that some people came out of Africa while others did not. The ABO data suggests multiple sources of origin for various human groups.

There are only two ways that type O and the RH negative could predominate as it does today: a) if the human population was split up and lived in isolation for an extended period. 2) If the human population represents a *recent insertion* event by an external agency.

We could account for the fact that chimps and gorillas have replaced ancestral O with the co-dominant A and B blood groups and humans

have not, if the latter represents a genetic intervention event. But aren't we closely related to the great apes in terms of sharing such a large proportion of our genes and chromosomes? Yes…but so what?

We shall address that neo-Darwinian propaganda shortly.

Consider the oral traditions of ancient human cultures who claimed that we are the product of an intervention by "gods' from the heavens. Can geneticists rule this out by resorting to any branch of science including microbiology, physics or astronomy? No they cannot.

In fact, does the Bible not say that "gods", an advanced race, created human beings? It most certainly does and it does so in the first chapter of Genesis. It does not say that a singular 'God' created humans, it says: "*Let us create them in Our image and likeness*".

The very concept of God means a singularity, not an (Our), a plurality. The Old Testament always switches to the plural when referring to the beings that intervened in human development in Genesis.

Perhaps geneticists are more caught up in their own cultural baggage than they realize. Nowhere does the Bible evoke the concept of a miracle when it comes to human generation. It is quite specific; and it should be interpreted in terms of our understanding of genetics today, not the lack of understanding that generations have approached the Bible with, in the past.

In fact, Genesis I, refers to the first act of genetic intervention when an ancestral race was created to inhabit the earth and "*eat the herbs and fruits*", which the earth freely provided. Is this not a clear reference to the earliest, primitive pre-modern human types (Neanderthals) that were not even hunters but like other great apes, largely gatherers?

Please re-read Genesis without the interpretations overlaid on it by many generations of traditional misinterpretation. Note that the

humans are created, male and female, not Adam first and then Eve, which happens in the next chapter, Genesis 2.

At the end of chapter three Adam and Eve (the new prototypes) become the forerunners of modern, crop-agriculture based civilization. That is the true distinction that is made between the earliest humans, who gathered and subsisted on plants, fruits and nuts; and the next genetically re-engineered humans who were told they must plow the earth and plant seeds and harvest crops.

The author is not making this up, that is what the Old Testament actually says in no uncertain terms. There were at least two genetically engineered human types. Each embraced a different way of earning a living.

The first race was a hybrid of the advanced race and a great ape species probably the ancestral type O that predated the chimpanzee lineage. This hybrid died out, which is not at all inconsistent with the scenario envisioned by anthropologists. The modern human hybrid was inserted in several branches at different points around the globe.

The Bible (only one of many ancient texts that include this kind of information) goes on to tell of how this advanced race intervened to prevent humans from evolving a homogenous civilization (Tower of Babel) too early. In addition, how their own offspring, *the sons of the gods*, interbred with human females at a later point, producing a distinctly alien sub-race.

When read through technologically informed eyes, the Old Testament becomes a non-technical history of early human and non-human genetics. No document is more careful about tracing bloodlines than the Talmud (Old Testament). That even crosses over into the New Testament where it is made very clear that Christ is a direct descendant of the King David lineage.

In fact, when the obsolete, pre-technological interpretations are discarded, what is Genesis but a history of how one group of people

was selected to completely expunge the genetics of several other groups (Canaanites) after the Flood?

The ancient Hebrew's were told, in no uncertain terms, to spare not a single inhabitant, not even women and children. All in Canaan were to be exterminated.

The Dogon's of northern Africa relate a different extraterrestrial (Nommo) intervention as do other cultures including the Sumerians, who allegedly created the first civilization on Earth.

Is it possible that an advanced race genetically created several different human hybrids that were a cross between their own genetics and those of the great apes? Yes.

There is nothing in the science of genetics that precludes this possibility as we will explore in subsequent chapters. Bioengineering has turned out to be far, far easier than coming up with the technology to traverse the vast, voids of interstellar space.

In fact, the astronomical data strongly suggests that such a civilization should exist out there in the infinite reaches of space, as was shown in the early chapters of this volume.

The genetic anomalies noted above can be addressed and resolved by inserting the activities of an outside, quasi alien-human population intervening to direct human (and planetary-wide) genetic development.

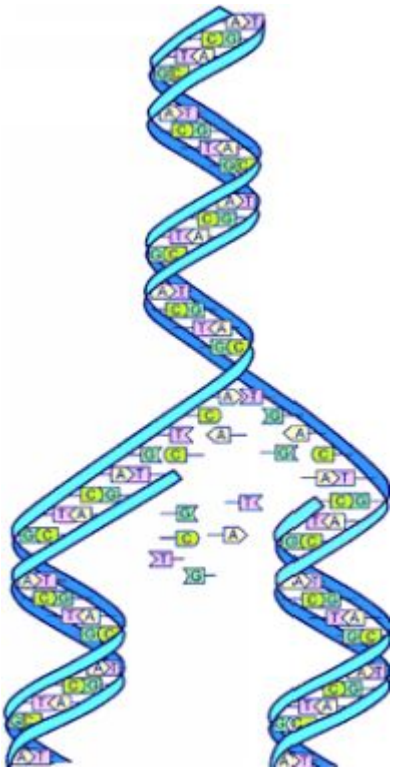
Conclusion: The ABO Rh blood groups present a situation that is directly at odds with several conventional theories about human origins and historical migrations. The existence of a pure type O+ population in the Americas contradicts the Asian migration theory and the existence of type O- negative in southern Europe and North Africa contradicts the 'Out of Africa' theory.

The genetics underlying the ABO blood groups is superior, in importance, to the mtDNA data, which is now being used to shore up

those theories, while the enigmatic ABO data has been shoved aside.

CH 7 -**Genome Project Revelations**

> *“Several orthodox explanations of the universality of the genetic code can be suggested, but none is generally accepted to be completely convincing. It is a little surprising that organisms with somewhat different codes do not coexis*t…”(Crick &Orgel)



Although most DNA is packaged in chromosomes within the nucleus, mitochondria also have a small amount of their own DNA. This genetic material is known as mitochondrial DNA or mtDNA

There are approximately 23,000 genes in the human genome, well within the same range as in mice, roundworms, mammals and primates. Scientists tell us that understanding how these genes express themselves will provide clues to how diseases are caused. But of course, it is also a vast historical repository of how life has progressed on earth.

Here are some rather anomalous facts about the genome.

1) The genetic code is fairly uniform; though biologists thought that the human genome would be 4-5 times larger than other species to account for human complexity, the number of genes in a genome does not correlate to the complexity of the species.

2. The human genome has significantly more segmental duplications (nearly identical, repeated sections of DNA) than other mammalian

genomes. These sections may underlie the creation of new primate-specific genes

3. At the time when the draft sequence was published less than 7% of protein families appeared to be vertebrate specific

The Human Genome Project (HGP) was started in 1989 with the goal of sequencing and identifying all three billion chemical units in the human genetic instruction set; finding the genetic roots of disease and then developing treatments.

With the sequence in hand, the next step was to identify the genetic variants that increase the risk for common diseases like cancer and diabetes. THE HGP was considered a Mega Project and it had the task of decoding the human genome, which has approximately 3.3 billion base-pairs.

HGP scientists used white blood cells from the blood of two male and two female donors (randomly selected from 20 of each) -- each donor yielding a separate DNA library. One of these libraries (RP11) was used considerably more than others, due to quality considerations.

One minor technical issue is that male samples contain just over half as much DNA from the sex chromosomes (one X chromosome and one Y chromosome) compared to female samples (which contain two X chromosomes). The other 22 chromosomes (the autosomes) are the same for both sexes.

All of this recent work began when Francis Crick and James Watson co-discovered the shape of the DNA molecule in 1950. That was an amazing breakthrough at that time. However, in 1990, a brief 40 years thereafter, it was announced that a far more incredible undertaking was going to take place, the mapping of the entire human genome (the HPG) as described above.

That was an incredible quantum leap in such a short time!

By 2003, the first rough draft was finished. It was an almost unbelievable accomplishment coming so soon after the rather basic, by way of comparison, pioneering discovery that Crick and Watson had made.

During the intervening years -- from the time of the announcement to the rough draft being made public -- people on both sides of the Evolution versus Creation debate waited anxiously to see what story our (Human) genes would tell when scientists finally deciphered their secret language.

Before the Human Genome Project, some microbiologists had estimated the known *three billion or so DNA letters* combined to form a hundred thousand or more genes.

"*But the amazing thing is that there are much fewer genes in the human genome than expected"*—only about 20,000 to 25,000 —*"which means that each gene has to be very sophisticated in what it does.*" (Christopher Wills, biologist, San Diego University)

Because the number of DNA letters per gene is limited, the new, lower gene count seem to indicate that about 98.5 percent of our DNA seemingly had little or nothing to do with genes—*junk DNA*, as some scientists called it.

When the results were published neo-Darwinians were shocked. Ironically, the head of the HGP, Francis Collins, was not an evolutionist but a devout Christian.

The discovery that the approximately 23,000 genes in human beings were in the same range as in mice and roundworms came as a humbling surprise. That was a not so flattering fact and it was not at all anticipated due to our 'superior' brains and so forth.

Evolutionary microbiologists were surprised to learn that the human genome was not the long, much more complicated code they had predicted; not only that they soon learned that it was not even substantially different than that of various plant and simpler animal species.

So the notion that 'size matters' was quickly tossed out by geneticists. Apparently the number of genes was not the good predictor of the complexity of a species that they had envisioned it would be.

The focus then shifted to the great similarities that existed between the human and chimpanzee genomes. That became the battle cry of evolutionists then and still is to this day. Of course Creationists took their humbling when it was revealed that the chimp and human genomes only differed by a mere 2-3 percent.

However, the author submits that the concept of similarity is misplaced and taken way too far by Darwinian microbiologists and other scientists who share their philosophy. Why?

If we look at the animal classification referred to as 'mammalian' we will find creatures that have many things in common like eyes, ears, mouths, teeth, noses, lungs, hearts and so forth. This entire very large kingdom shares certain characteristics that make them mammals. We (humans) have those same features so we can say that we are a similar species but mean it in a very general way.

In fact, most mammals share at least 85% of their genomes with humans.

Using the figures 98-99% makes it sound like we are so close to being the same as chimpanzees that it is a virtual certainty that we emerged from the same ancestor. But wait a minute. Perhaps most of the 90% is also shared by other mammals and especially other great apes as well (93-95% is the case)?

In fact, that is true. We could also say that we are generically very similar to gorillas, about 95%, and even horses and dolphins, both species more than 90%.

That calls the entire meaning of the statistical comparison methodology into question.

By using this method geneticists have made several assumptions that might not be valid. First, that they have examined and understood all of the important details of both genomes 2) and made one-to-one, side-by-side comparisons of each gene in the entire genome sequence.

They have not done so and the second is that the 2-3% difference is of lesser importance than the 97% similarity. Is it?

In fact, it is apparent - due to the relative uniformity of the genetic code - that up to a point the code is like a template, a foundational framework that does not mean much, in terms of speciation, until the final speciation genes responsible for divergence are added.

Since the human and chimpanzee genomes are very similar up to a point then the genes that make up the uniformity, are not nearly as pivotal and potent as the genes that gave expression to the two distinct species (chimps-humans).

As the biologist Willis noted above, "*Each gene has to be very sophisticated at what it does*..."

Keep in mind that when the genomes were first deciphered geneticists considered a sizable portion of the code to be non-functional *junk*. Wrong.

Time has shown geneticists that their original perception was erroneous and they have since learned that the (junk) was, in fact, just a reflection of their own ignorance. It has since been learned that the so-called junk genes play a functional, regulatory role in the genetic code.

When a geneticist tries to argue the case for neo-Darwin theories by using the apparent similarity of the human and chimp genomes, the author responds with the following: Please explain then why you are studying chimpanzee DNA while they are eating bananas in the forest like they have for tens of millions of years?

If we are so close to being the same then why do humans act more like social insects by clustering together in vast cities (hives); while chimps live in extended family clans of less than a dozen individuals?

Humans have a definite herd instinct that goes beyond just being social animals, which chimps are too. However, they do not try to mass together to form insect-like hives which humans have done all over the planet. Not only that chimps are environmentally and habitat stable; we humans are the most *unstable creatures* on the planet, always seeking to venture over the next horizon.

The genome dissimilarity actually points to the issues that we should be focused on: 1) Why are humans so radically different in their social behaviors, technological innovativeness, language, customs, migration, violent impulses 2) What is it about the 2-3% of the genetic code that differs so much that it makes humans want to go to Mars; meddle with plant and animal genes; and engage in mass murder (warfare)?

At this juncture let us deftly shift focus and examine the human race through a different lens: *males and females*.

This definitely prevents this presentation from slipping into a mere academic debate and keeps the discussion real. A man shares about 97% of his genes with a woman. That's right. Even on an intra-species level we are not the same, though we are very similar of course.

All embryos start out female.

Different creatures have different ways of determining sex. However, in the mammal kingdom, sex is determined by genetics. A handful of Y chromosome genes cause maleness by turning on a few bio-chemical switches during the early gestation period. *This is universal in all mammals*.

It means that, if you are male, the basic genes that made you male extended back to the earliest mammal species, if not earlier. In

regard to those genes, *you are closer to a male rabbit or horse than you are to a female human.* You see, this whole similarity thing is very much a matter of which information you select to focus your attention on.

Does that mean that human males are closer to rabbits and horses than to human females? Of course that is not the case. It means that in one *narrow* context the genes that determine the male sex traits are more similar to males - in other mammal species - than to females of the same species. But only in that very limited context.

So, as noted above, all fetuses start as female and a handful of Y chromosome genes cause the fetus to turn into a male. What is more important: the fact that females and males are both human, or that the former has the capability to reproduce either sex? Are the similarities important or are the dissimilarities?

It is all a matter of perspective.

Chimps and horses do not speak English nor do they feel the need to learn to read Stephen King novels, does that mean they share a close genetic bond? Some humans also do not speak English nor do they read horror fiction, should we put them in the chimp, horse category too?

Levity aside, this whole genetic arena has an important underlying reality to it of course. But if we are not careful that reality can be distorted and tweaked to mean just about anything anyone wants it to. In that sense evolutionists are using genetics like biblical believers do the bible.

The Chromosome Barrier

Now that we have established some caveats and ground rules let us proceed to objectively find out what it is that makes us (human) and chimpanzees apes. First, one of the initial findings in the field of

genetics was the fact that humans have *one fewer pair of chromosomes* than do other great apes.

We (humans) have 23 pairs and chimpanzees and gorillas have 24 pairs of chromosomes, 46 and 48 respectively.

A **chromosome** is the basic stuff of cells; an organized structure of DNA and protein housed in cells. It comes as a single piece of coiled DNA containing many genes, regulatory elements and other nucleotide sequences. Chromosomes also contain DNA-bound proteins, which serve to package the DNA and control its functions.

Chromosomes are of paramount importance because they are the vectors of heredity and the critical ABO and Rh blood group data are in them.

In humans they can be divided into two types: *autosomes and sex chromosomes*. Certain genetic traits are linked to a person's sex and are passed on through the sex chromosomes. The autosomes contain the rest of the (genetic) hereditary information. All act in the same way during cell division.

As noted above, human cells have 23 pairs of chromosomes (22 pairs of autosomes and one pair of sex chromosomes), giving a total of 46 per cell. In the human evolutionary lineage, it is thought that two ancestral ape chromosomes fused, producing human chromosome 2.

This is considered to be the main divergence between the human and chimp genomes.

In the preceding chapter we learned that the human and chimpanzee ABO distribution pattern is very different. They completely lack two blood types that we (humans) possess (AB, Rh-)) and have minimal type O, which forms our major blood group; and no Rh negative.

[Clarification: The human and chimp (A/ minimal O) blood groups are not identical, the chimp type A is a *species specific* blood group, a homologue. Human type-A individuals could not receive type A

chimpanzee blood nor donate their type A to a chimp in need of a transfusion, another big divergence.]

A two chromosome difference does not sound like much (mathematically) but this seemingly small difference means that our genetic codes are not compatible enough to produce offspring. That is a wide genetic divergence between two species that supposedly branched off from the same ancestor. (It is even wider with the gorilla.)

The major structural difference is that human chromosome 2 was apparently (supposedly) derived from two smaller chromosomes that are found in other great apes. A simple fusion of two separate chromosomes is said to be the main difference between human and chimp chromosomes.

Once again a seeming small mathematical difference -- when translated into the variations between genomes -- turns out to make a huge difference. So far we have seen that humans and chimps have dissimilar blood groups and dissimilar chromosome patterns.

Once again neo- Darwinists want to emphasize *the closeness of the two species* using numeric relationships that imply a near match. However, genetics *does not* seem to work that way. The small (numeric) differences actually are highly significant and produce huge species specific divergences.

A small number of gene differences can cause sharp distinctions between species as is apparent.

In the genetic code a seemingly minor variation can translate into very different, species specific, genetic expressions, i.e., the simple biochemical switches that trigger a female fetus to change into a male, as we saw above.

So at the point that the human and chimp genomes depart, this may translate into a small number but that is irrelevant. The departure produces major differences like a new blood type or fewer chromosomes that act as species partitions, etc.

As we noted in the previous chapter the ABO Rh factor blood groups are inherited from both parents. Chromosomes are also inherited. One copy is donated from each parent That means that the offspring inherits 1/2 of the mother's chromosomes and 1/2 of the fathers as well.

Now this genetic transmission system produces some interesting and unanticipated results. Since each succeeding generation is the product of the combination of 23 chromosomes from the mother, and 23 from the father, it only takes seven generations to disconnect from the original ancestor or founder.

What does that mean? For example if the author tries to trace his heritage back two hundred years to the late 17th century there is a problem. He probably does not have any of the chromosomes that his remote ancestor back eight generations possessed. Why?

This is due to the fact that each intervening generation only received 1/2, 1/4, 1/8, 1/16, 1/32, 1/64 and then 1/128 of that eighth generational ancestor’s original chromosome makeup.

Since the last figure is less than one the author's chromosomal makeup is entirely different. This is very counter-intuitive to the way we consciously think about our ancestral lineage. We tend to think of genetic inheritance going back in a straight line to the original block (we chipped off of); our remotest ancestors with a conservation of traits and a high degree of genetic uniformity.

But genetics does not work that way. We are not really chips off the direct-line ancestral block. The ABO Rh factor blood group transmission genetics underscores this fact.

We are taught to believe that we are virtually genetic copies of our parents. Given this assumption it is natural to think that we could freely exchange blood or donate and/or receive organs from our parents (at the very least) if not our siblings, if necessary. Not true.

The author is a type A- negative, his mother a type O+ meaning that he can neither give nor receive blood to or from his own mother. We

may be close emotionally and genetically in many ways, but not in terms of blood groups, in that specific area we are rather distant relatives.

Both family ties as well as shared ethnic and racial traits give us a false impression of the underlying genetic reality. You may be able to save the life of a neighbor down the street but not a family member. Blood groups unite and divide us (genetically) not eye, hair, skin color and so forth, which are very superficial traits.

In fact, our sense of family and racial/ ethnic uniformity are delusions. Even though all of your family may have black hair and brown eyes, if you are a type A- you might find that only an individual outside of your family or ethnic group can save your life in a crunch.

Though this book is not written to support the Creationist version of human origins or Judaism or Christianity; the Bible made a crucial point by flatly stating, *all life is in the blood*; not in the color of your eyes, skin or hair...in your bloodstream.

The chromosomes have a story to tell and it is simply this: if you possess 48 of them you go that way and join the chimpanzees and gorillas in the forests of central Africa; if you possesses 46 then you are a card carrying homo sapiens and go wherever you want to.

CH8 - The Myth of mtDNA Eve

We just saw that all of our assumptions about familial and racial closeness -- in terms of a shared blood type and chromosomal pattern are -- more often wrong than right. We also learned that the alleged similarity between chimps and humans is really a matter of perspective. In fact, we are two very separate and distinct species in terms of blood groups and chromosomes.

However, there is another component of the genome that evolutionist's insist tells the real story of human history and evolution, mitochondrial DNA or mtDNA as it is conventionally abbreviated.

Exactly what is mtDNA?

A human cell contains two types of DNA - nuclear and mitochondrial. The first constitutes the 23 pair of chromosomes contained within the nuclei of our cells that we examined n the previous chapter. As we learned, each parent contributes to the genetic makeup of these chromosomes.

On the other hand, mitochondrial DNA (mtDNA) is found outside the nucleus and is inherited *solely from the mother*.

Mitochondria are very small *cell structures* wrapped up within all of our cells. They are the power plants of the human body, providing about 90% of the energy that the body needs to function.

Each cell contains hundreds to thousands of mitochondria; this effectively means that there are hundreds to thousands of mtDNA copies in a human cell. This compares to just two copies of nuclear DNA (*chromosomes*) located in that same cell.

Whereas nuclear DNA is composed of a continuous linear strand of nucleotides the gene sequence (A, T, G, C's); mtDNA is constructed in a circular or loop configuration. Each loop contains a sufficient number (approximately 16,569) of A, T, G, and C's to comprise 37 genes involved in mitochondrial energy generation.

In addition to energy production, mitochondria play a role in several other cellular activities. For example, mitochondria help regulate the self-destruction of cells and are also necessary for the production of substances such as cholesterol and "heme" (a component of hemoglobin).

In effect, we do not get exactly half of our DNA from our father and half from our mother since a tiny piece of our DNA is inherited only

down the *female* line in the mtNDA bundle.

While males, like females, receive and use their mother's mitochondrial DNA they cannot pass it on to their children. Their sperm has its own mitochondria to power the long journey from the vagina to the ovum. However, on entry into the ovum, the male mitochondria quickly dissipate and die. This leaves the female as the sole carrier of mtDna.

Given this set of characteristics, according to microbiologists, each of us inherits our mtDNA from our own mother, who inherited her mtDNA intact from her mother, and so on back through the generations – right back to what they call 'the Eve gene' or 'mtDNA Eve'.

This scenario, if taken to its ultimate conclusion, means that every person alive today has inherited their mitochondrial DNA from one single great-great-great- (long series) -grandmother, who begat the ancestral mitochondria nearly 200,000 years ago.

Our first question then is -- in the light of the ABO Rh factor blood group data -- which blood type did our mythical Eve possess? She had to have one…

She must have carried and transmitted one blood group (ABO and Rh factor) as well as 23 chromosomes to her children, both sons and daughters. In addition, her husband would have also made a similar genetic contribution, though none to the mtDNA gene group.

Statistically using the rules of ABO transmission Eve should have possessed O- negative blood. How else could it have survived for hundreds of thousands of years? But then that would only be possible if she lived in on isolated continent because we can be sure she was not in southern Africa.

That would indicate multiple ancestral mothers in divergent locations, the one in Africa would probably have had type O positive. Then type A entered the picture as a response to a pathogen, probably in northern Europe, which would explain the ABO distribution in the

black African population. Type B would have entered the picture later.

We already saw that the central and south America tribes were homogenous type O positive and only Europe and north Africa, had a large fractional percent of Rh negative.

As we learned above it is impossible to retrace the chromosomes backward, from a specific living individual to a specific ancestor in time, because of the way they are transmitted and the genes combined, lost and recombined so quickly.

We only know our mythical (Eve) had 46 chromosomes and 23 went to each child; but their exact nature remains unknown. In terms of chromosomes none of us is a 'chip off the old block' because the block disassembles and is replaced by a new one in eight generations.

If this is true in terms of the human lineage, and it certainly is, then how much more true is it in relation to the chimpanzee lineage, which does not even possess the same overall number of chromosomes....

We will return to the blood group question a little later. For now let us simply acknowledge that trying to establish a direct line of ancestry backwards to a point in time, or to a single individual ancestor, is like trying to trek through the Sahara desert in a sandstorm.

First, you are blinded by the immediate swirls of sand stinging your eyes; and then when the storm passes, confused by the shifting sands that have rearranged the environment.

In the previous chapter we carefully walked through the various distinctions that exist between the ABO Rh factor blood groups and what they imply about human origins and history. Through that basic genetic filter it did not appear that there was either:

1) A single place of origin or 2) a single human group that could have produced the diverse ABO Rh blood group distribution pattern we

see today around the globe.

Keep in mind that according to several of the key principles of evolution *successful mutations are rare* and natural selection processes favor simplicity over increasing complexity. Since that is true then it suggests, quite unexpectedly, that modern humans have appeared recently, very recently in fact. (The author is no creationist so this surprises him as well.)

The chimpanzee population reflects those principles. They have not displayed any significant mutations in tens of millions of years; their homogenous blood group is the reflection of selective filtering which produced a fixed, blood group, homologue human type A dominance, with an O homologue, a mere trace remnant.

We humans have such a high frequency of type O that we

Now we are faced with figuring out what basic genetic configuration our theoretical Eve possessed beyond the 46 chromosomes that distinguished her from chimps. Was she type O+ positive? If so, when and where did the recessive O-negative enter the picture?

If it was an early mutation, given the fact that it is recessive, it should have been filtered out by the Rh + even before the A and B mutations appeared to become co-dominants. Rh-negative did not originate in sub-Saharan Africa, we saw that in the last chapter.

But we have already seen the current, worldwide blood group distribution pattern not only has O+ on top of the chart but O-negative a significant minority in some regional populations. (None of which are black African)

To say that our mythical Eve (and Adam) living in southern Africa presents a problematical model is therefore an understatement.

If she was type A, as some geneticists contend, then type O should have sank into near oblivion long ago just as was the case with chimpanzees and gorillas; that proposal begs the question of the

types O, B and Rh- negative origin(s) and continued existence issues even more.

Of course mtDNA Eve has produced billions of daughters, granddaughters, etc. If all of her descendant's chromosomes had been an exact copy of hers, then every daughter would be a virtual clone to this day. But we have seen the chromosomal transmission method completely prevented that.

If she and her husband, the theoretical Adam, had both been type A+, then the human blood group would be like the chimpanzee blood group, perhaps with minimal O, assuming Adam was type O and B. But no Rh- negative would exist.

But all the genetic evidence points to the fact that we are not clones and we cannot even freely exchange blood (group) genes among ourselves. We are a diverse population now and that suggests that we came from a diverse population in the past.

Theoretical (mtDNA) Eve is just an abstract model that is once again supposed to shore up neo-Darwinian (out of Africa) hypothesis but it does not really stand up under close scrutiny.

Ironically, one of the only scenarios that can be used to make it work is to radically shorten the time since modern Homo sapiens first appeared. If an ancestral Eve existed to transmit her mitochondria intact down through the generations then she could have been a type O+ and her husband a type O- negative (not really because Rh negative does not exist in native African tribes but for the sake of argument we will allow this fiction).

But then to allow for the mutations of A and B, later, our hypothetical progenitors could not have started the race 200,000 years ago, but more like 10,000 years ago or even less. It also could not have happened in Africa because there is no Rh-negative among native, tribal Africans.

That prospect is not one that neo-Darwinians are going to embrace for obvious reasons.

In the prior chapter we saw that the earth has been an uncontrolled, experimental, genetic lab -over the past 500 years- where a pure type O+ population was inundated by a mixed (European) blood group population, which quickly and radically diluted their historic O+ homogeneity.

The resultant ABO distribution pattern is now starting to reflect that of the mixed populations that existed and still exists in the colonizing countries. (That happened in a very short time span, only 500 years). Type O does not withstand an influx of types A and B; and the Rh-negative type is quickly displaced by the Rh factor blood type.

If you are suspecting that something is amiss with the current switch from -- understanding the origins and distribution patterns of the ABO blood groups -- to the results quickly obtained using mtDNA genetics, we are on the same page.

Something has gone very wrong in the "science" of genetics when it comes to applying mtDNA to human evolution, history and migration.

All of a sudden mtDNA is being used as if it somehow supersedes the genetics of blood groups, which it clearly does not. Not too surprisingly, the results almost always confirm the 'out of Africa' and 'Bering Strait' theories, the status quo of course.

The results seldom, if ever are matched against the established ABO data and there is this very aggressive rush to judgment. A push that implies any skeptic just does not understand this new (genetic) paradigm. Right.... where have we heard that elitist propaganda before?

The author poses this challenge:

1) If you can show him -- using the rules of population dynamics and the principles of ABO transmission -- how the indigenous populations of Africa and Asia got to the Americas with nothing but type O+ blood in their gene pools then the author's skepticism will drastically diminish.

2) If you can also prove that it is possible to start with type A+ and arrive at a large fraction of type O- negative -- in a descendant population over time -- he will no longer be a skeptic.

But no real statistical simulation using the rules of ABO transmission can produce those results. Any population with a mixed ABO pattern, which both Africa and Asia have had for prolonged time period, will produce a mixed ABO population during migration and settlement. It is not possible to have a homogenous type O+ positive population emerge.

Barring those events (and the author does not expect any biologist or geneticist to pick up that gauntlet) the author shall hold mtDNA studies, interpretations and conclusions at greater than arm's length and suggest that all serious readers do the same.).

Parsing the Genetic Code

The DNA code is often compared to a human language. It has letters that combine in different sequences that mean different things. The main task of any language is to communicate something to someone.

The main task of DNA is to copy itself to each new generation like the Old Testament was supposed to have been faithfully copied by biblical scribes.

If the earth had provided each of our remote ancestors a manual that contained a detailed explanation of how to survive and thrive on the planet; then one of the jobs that our ancestors would have had was to hand down an exact copy of that manuscript to us. *Of course that is what oral traditions and sacred texts are supposed to represent.*

However, when a new generation is born sometimes a small part of the DNA is not copied in every detail. One change can cause a very minor mutation, which is usually discarded rather quickly because mutations rarely prove beneficial.

But sometimes mutations do prove beneficial as in the case of types A and B blood group antibodies. Then the genetic code goes through a slight revision and the new mutations are added and copied by succeeding generations.

Now, if we take the Old Testament as an example of a sacred book intended to convey critical information to succeeding generations we must note several things up front.

The language the version we are reading is written in. If it is the original Talmud written in ancient Hebrew -- and we have been schooled in that language -- we have a pretty good chance of understanding the words as they were originally meant to be understood.

However, if it is in English and that was translated from Greek, we are removed several times from the founder material, which was first translated from the ancient Hebrew; we may not understand what the original authors intended or only a portion of it at best.

The ancient Hebrews had many words for God, which denoted various attributions, but still referred to a singular Deity. They also had a plural word for god(s) that does not translate well into English, *elohim*.

Each of the translations risks mutations, which are usually corruptions, of the original text. Does the text in Genesis I really say that (The) God of the Universe created human beings, in His image, as it has been interpreted by generations of Christian bible scholars?

No, parsed as carefully as a geneticist would the genetic code, it switches to the plural form and denotes *gods not God* create man in "**Our image and likeness**" The switch to the plural has never been clarified by biblical scholars or believers.

Since it is understood that God is an invisible spirit or Absolute Presence, then s/he or It has no image or likeness, only a distinct, physical entity has an image, form or likeness. Deciphering the

biblical code is not unlike trying to decode the human and chimpanzee genomes.

Human languages, like human civilizations, do not last very long and even when they are alive and being spoken every day, as ancient Greek and Latin were not that long ago, they undergo constant permutations, additions and deletions.

In a much, much broader context this has also been the case with human evolution on the biological level.

It is bold but naive to think it is possible to retrace our ancestry back through countless generations to an alleged, mythical Eve (which were probably Eve's anyway), and find all the alleged fossils of the various 'missing links' that would then constitute the final pieces of the Darwinist puzzle.

There is actually no good basis for making that assumption. The reasoning is based upon the notion that there were species, extant upon the earth, which represented intermediate stages of evolution between the common ancestor of the chimpanzee and us, modern humans.

However, there is no immutable law of genetics or biology that requires that to be the case.

Modern Homo sapiens is more likely the outcome of an external agency intervening in primate genetics to produce a hybrid race. That is what our ancient, sacred codes (like the bible) tell us as surely as our genetic code tells us that *we are not chimpanzees*.

Genetic intervention could and did happen according to our most ancient oral traditions and sacred texts. There are no laws of physics, astronomy, or biology that can rule out extraterrestrial involvement in the evolution of life on Earth.

The Genesis Race (Cosmic Ancestry) theory offers a third alternative that neither neo-Darwinians nor Creationists are prepared to deal

with, because it does not abrogate the laws of science nor conflict with religious traditions.

Positing that an advanced race came from a distant solar system, seeded life on Earth, then intervened in human affairs at infrequent intervals does not conflict with the Old Testament at all, it agrees with it. The theory also agrees with the early histories of the Sumerians and Hindus.

Neo-Darwinists dismiss Creationism because, in the end, the arguments are faith-based (involve miracles) and therefore are not scientific. Then they dismiss *Intelligent Design* by claiming it is religion pretending to be science.

How will they react to the theory that, while evolution exists, it did not start on planet earth and the reason there are no missing links is because none ever existed on the earth?

They would rather argue with Creationists because they know that the latter is a viable, scientific thesis. They know it because Directed Panspermia (Cosmic Ancestry II) was conceived by two eminent scientists.

Conclusion: When deciphered, the Human Genome presented some enigmatic surprises to scientists, which confounded their expectations. In fact, the DNA code is amazingly uniform for the most part and it only branches off where speciation manifests.

Therefore humans are very similar, in terms of DNA, to all primates and similar to all mammals as well. However, when evolutionists predicted that the human genome would be 5 times as large as it turned out to be that was due to a false assumption. When it comes to the DNA sequence, quality not quantity is what matters.

.**CH 9 - Clones, Chimeras & Hybrids**

Splicing human genes into animal genes is a commonplace practice in biotechnology labs in advanced countries around the world today. In fact, transgenic rodents have become a mainstay of medical research. Using them, scientists have created a Down’s syndrome mouse by inserting 300 human genes into its genome. By doing this they can study this genetically caused disorder.

In addition, one of the most popular anti-coagulant/anti-inflammatory medications on the market is created using goat's milk from ewe's that have had human genes inserted into them. Moreover, a group of Chinese scientists recently inserted human stem cells into a goat fetus.

Other researchers around the world are quickly following in their footsteps. The picture of bioengineering today goes from fascinating to extremely bizarre.

Cows have recently been genetically altered to produce milk that is virtually identical to human breast milk. The scientists responsible for this feat hope to have huge herds of these cows producing an alternative to human breast milk on the market soon.

In earlier chapters we noted that there are strong genetic partitions against different species mating and producing offspring. However, there are ways around this genetic wall. Two distinct species do not have to reproduce sexually; as shown above a cell from one can be inserted into the egg of another after the nucleus has been removed from the latter.

Even from our still fledgling level of genetic knowledge, using second generation methods of bio-genetic engineering, our scientists can already create animal-human embryos.

They do this by plucking a cell from a person, then inserting it into a cow or rabbit egg; after the nucleus has been removed. The final step is to zap it with a small jolt of electricity. The two cells are then fused to make an embryo which could be 99.9% human and 0.1% animal or whatever the researcher desires.

Esmail Zanjani, a researcher at the University of Nevada at Reno, has been able to grow mostly human-livers in sheep. Zanjani achieved this by injecting stem cells into growing sheep fetuses, either adult stem cells derived from bone marrow, or embryonic stem cells from one of the federally approved stem-cell colonies.

The research was originally aimed at finding out if it would be possible to transplant stem cells into developing sheep fetuses to correct defects *in utero*. But Zanjani observed the human cells integrating into and then proliferating within a wide range of organs and tissues, including the pancreas, heart, skin and liver.

This surprising development makes it possible to grow human cells inside animal cells, tissues and organs that might later be suitable for transplanting into people.

Here is how it works, if a patient needs a new liver doctors would take some of the patient's bone marrow stem cells, and inject them into a developing sheep fetus at the proper moment. After gestation a lamb would be born with a liver made up chiefly of the patient’s cells. The lamb would be slaughtered and the new liver transplanted into the patient.

Once installed, the patient's immune system would eliminate the lamb's liver cells, leaving behind a brand new organ perfectly matched since it was made from the patient's stem cells.

These types of transplants are possible because of early research which inserted single human genes into various plants, animals and

even bacteria to produce a number of therapeutic proteins, including *insulin* and *human growth hormone*.

It turns out that many genes can be mixed and matched across species. A gene crucial to building a fruit fly's eye will also trigger eye development in a frog. Recall that we already saw that this is so because of the relative uniformity of the DNA genomes on Earth.

Now that both the human and mouse genomes have been sequenced, researchers know that 99 percent of mouse genes have homologues in humans; even more amazingly, 96 percent are present in the same order on the genome.

This shows that the human – chimp similarity is grossly overplayed as stated in prior chapters. The truth is, as Crick and Orgel pointed out while presenting Directed Panspermia, that the DNA code is amazingly uniform for the most part.

According to molecular biologist and writer Joan Slonczewski, "*Until recently, genetic crossing of unrelated animals was considered untenable from the standpoint of biology*," however, new discoveries of genetic commonality across different species and new reproductive technologies have "*led to chimerical combinations such as sheep and goat; and an early human embryo has been generated from the egg of a cow."*

In truth, the genetic engineering described in Genesis and by the Sumerian tests would be child's play to an advanced ET race. As you will see the author is absolutely convinced we have the technology to create new transgenic human-primate species already.

Clones

The cloning procedure is not all that complicated. Researchers clone animals simply by destroying the nucleus of an unfertilized egg in the

host animal; and replacing it with a nucleus from a cell of the body from another animal.

At this point, the egg of the host animal is considered fertilized and is planted into the womb of the host animal. By using this technique, the baby will develop into an animal that has identical genetic traits (clone) as the animal that provided the cell nucleus to the cloning process.

I. Consider the following cases:

South Korea's controversial stem cell scientist Hwang Woo-suk succeeded in cloning endangered coyotes. Hwang cloned the coyotes by transferring the nucleus of somatic cells from a donor coyote to a female *dog's eggs*.

In 1996, Scottish scientists successfully cloned the first mammal ever—a sheep, which they named "Dolly." The cloned sheep developed premature arthritis and lung disease that led her creator's to euthanize her after just six years--roughly half the lifespan of a normal sheep.

This shows that while human cloning is now possible the process is not sophisticated enough to be considered reliable. Cloning is not that difficult in the lab, but producing a viable, healthy clone *is* difficult.

A female dromedary camel was born April 8, 2009; the world's first cloned camel. Dr. Nisar Ahmad Wani, who headed the research team in Dubai, United Arab Emirates, announced on April 14, 2009, that the cloned camel was born after an "uncomplicated" gestation of 378 days.

In December 2001, scientists at Texas A & M created the first cloned cat CC (Copycat) Even though CC is an exact copy of his host, they have different personalities; i.e. CC is shy and timid; his host on the other hand is playful and curious.

In 2004, the first commercially cloned cat, Little Nicky was created by Genetic Savings & Clone.

- First World cloned calf (Gene) was born on February 7, 1997 on American Breeders Service facilities in Deforest, Wisconsin. Later it was transferred and kept to Minnesota Zoo Education Center.
- A Holstein heifer named "Daisy" was cloned by Dr. Xiangzhong (Jerry) Yang using ear skin cells from a high-merit cow named Aspen at the University of Connecticut on June 10, 1999, followed by three additional clones, Amy, Betty, and Cathy by July 7, 1999.[5}
- Second Chance, a Brahma Bull was cloned from Chance, a beloved celebrity bull. Second Chance was born August 9, 1999 at Texas A&M University.
- Texas A&M University cloned a Black Angus bull named 86 Squared in 2000, after cells from his donor, Bull 86, had been frozen for 15 years. Both bulls exhibit a natural resistance to Brucellosis, Tuberculosis and other diseases which can be transferred in meat.
- A purebred Hereford calf clone named Chloe was born March 28, 2001 at Kansas State University's purebred research unit. This was Kansas State's first cloned calf.
- Millie and Emma were two female Jersey cows cloned at the University of Tennessee in 2001. They were the first cows to be produced using standard cell-culturing techniques.
- Pampa the first animal cloned in Argentina by Biosidus (2002)
- Ten more Jersey cows were cloned at the University of Tennessee (females, 2002)
- Bonyana and Tamina cloned calf in Royan Research Institute, Isfahan, Iran in summer of 2009.
- In 2010 the first Spanish Fighting Bull was cloned by Spanish scientists.

- Anatolian Grey bull (Fee) was cloned in Turkey in 2009 and cattle from the same breed no (Eke, Eke, Pilfer, Kara) by TUBITAK.
- GARIMA- I: world's first buffalo calf through the “Hand guided Cloning Technique” was born on February 6, 2009 at NDRI, Carnal (India).
- Cloned male buffalo calf **Surest** born on August 26, 2010 at National Dairy Research Institute, Karnal, India.
- A deer named Dewey was born on May 23, 2003 at Texas A&M University.
- South Korean scientist Hwang Woo-Suk cloned the first dog, an Afghan hound named Snappy. Later in 2005 Hwang Woo-Suk was found to have fabricated evidence in stem cell research projects. This caused some to question the veracity of his other experiments, including Snuppy. In their investigation of Hwang Woo-Suk's publication, however, a team from SNU confirmed that Snuppy was a true clone of Tei, the DNA donor dog. South Korean scientists recently cloned 'sniffer' dogs.
- BioArts International held a dog cloning contest where people would send in submissions about which dog was the most suited to be cloned. The winner was Trakr, a K-9 police dog who was a 9/11 hero.
- In summer 2011, South Korean researchers cloned a beagledog named Tegon, which glowed when drenched in urine.
-

Zonkee, a hybrid of a donkey and a zebra

Cloning research is going on around the globe. The point of this survey is to show: 1) how far genetic engineering has come in a very short time and 2) that any advanced civilization that preceded human development on Earth could easily manipulate the genome in any manner they wished.

In fact, our bioengineers are largely in that position today in the psan of a mere 50 years.

The process began as far back as 1958, John Gurdon, then at Oxford University, explained that he had successfully cloned a frog. He did this by using intact nuclei from somatic cells from a Xenopus tadpole. This was an important extension of work of Briggs and King in 1952 on transplanting nuclei from embryonic blastula cells.

In recent years a Rhesus monkey: *Tetra* (female, October 1999) was cloned by embryo splitting. This species is a genetic step removed from chimpanzees; so science is moving up the genetic ladder ever closer to human cloning. The above list is by no means exhaustive and it shows that cloning is not as mysterious and complicated a feat as is thought by the public.

Additionally, the process has moved from simple animal species up the ladder towards humans. The Rhesus monkey is nearly as close genetically, as are chimpanzees, having about 93% DNA compatibility.

Could you or the author submit cells to be cloned today? Absolutely! After all we are constantly told we are just super monkeys…

But that is not allowed at present. Nonetheless, as we have seen there is nothing special about the human genome. If a dead cow can

be cloned and brought back to life, so to speak, so can a dead person. Think about that bizarre possibility.

If somatic cells had been recovered from Elvis or Michael Jackson, at the appropriate time, and cryogenically frozen; then later thawed and a surrogate mother found...well this could be what the future has in store for cloning. But only the rich will be able to afford it like they do now for early space junkets.

Science has taken a sci-fi premise and turned it into a reality. It can be achieved by several methods. Nonetheless, cloning is still expensive since it is difficult to produce a viable clone free of serious health problems. When those issues are resolved and it becomes easier and cheaper to produce healthy clones who knows what is going to happen.

The Planet of the Apes series may have seemed like an interesting, if unlikely premise, some decades ago. But something far more fantastic is on the horizon right now. If our scientists are already creating mixed plant/animal hybrids using trans-genetic techniques then how far away are we from human/animal transgenic crosses?

Not far at all in this author's opinion. When the current under-40 generations mature and the older generations have moved on… there is not going to be the religious/ethical concerns there are today.

Already, scientists are cloning human embryos to see if they can develop normally right along with cloned human embryos *made with animal eggs* and then these results are being published in reputable journals. Moreover, the mass media makes it sound like this is no big deal at all.

Biotechnology, can right now, create various combinations of animal hybrids, chimeras and clones. The biotechnology techniques are already capable of and actually doing just that. It is only the considerations of the various bioethics involved that is preventing the hybridization of humans and chimpanzees; or the cloning of humans

with superior abilities and skills, let's say geniuses and Olympic level athletes.

Now, it is important here to distinguish between a *chimerical* embryo and a *chimerical* adult.

Placing animal DNA into a human embryo is entirely different from growing a human liver in a pig for transplantation (xenotransplantation) into a human patient. It is different because adding animal DNA to a human embryo at *the embryo stage* fundamentally changes the entire organism, not just one organ.

Xeno-transplantations of animal organs into humans is still in the developmental stage but it will soon emerge from the shadows, so to speak. It will become a common medical practice in the near future. Patients waiting for organ transplants will be given organs or cells, primarily donated by pigs, yet another mammal we are very close to genetically that you won't hear geneticists comparing us to.

A *chimera* and a hybrid are similar yet they differ in that the former consists of a combination between *two different species within an organism*, in which the genes of the two species do not combine as they do in a hybrid.

A *hybrid* is the product of the breeding of two *different species* (via normal copulation or in vitro fertilization) in which each cell in the hybrid's body has a mixture of genes from both of the parents. This process has been going on for a long time.

A mule is a *hybrid* since a male horse can copulate with a female donkey and the union will produce a hybrid species, though the mule offspring is sterile. What follows is a partial list of hybrids animals:

Liger: This is a popular hybrid, a cross between a male lion and female tiger.

Tigon: This is a cross between a male tiger and a female lion. This hybrid produces the world's largest felines.

Iron Age Pig: Domestic Tamworth pigs are crossbred with wild boar to create the famous ‘Iron Age Pigs’. The hybrids are tamer than wild boar but less tractable than domestic swine.

Zebroids: A zorse is the result of crossbreeding a horse and a zebra. A zonkey is the result of crossbreeding a donkey with a zebra. The Zony is the result of crossbreeding a pony to a zebra. All these three are called zebroids – defined as a cross between a zebra and any other equid.

Cama: A Cama is a hybrid between a camel and a llama. They are born via artificial insemination due to the huge difference in sizes of the animals which disallow natural breeding. A Cama usually has the short ears and long tails of a camel but the cloven hooves of a llama. Also, the hump is the absent.

Wolphin: A wolphin is a rare hybrid formed from a cross between a bottlenose dolphin and a false killer whale. There are currently only two in captivity at the Sea Life Park in Hawaii. A wolphin’s size, colour and shape are intermediate between the parent species. The first captive wolphin was Kekaimalu, which shows mixed heritage even in its teeth: bottlenose dolphins have 88, false killer whales have 44 and Kekaimalu has 66.

These kinds of similar species hybrids do not seem to offend human sensibilities much. The blending of two similar species into a hybrid somehow is not disturbing; whereas the blending of dissimilar species seems freakish.

For example scientists have inserted *silk spider* genes into the *goat* genome. That has been done and the resulting *spoats* produce spider-silk protein in their milk. This spider- silk protein is collected, purified and spun into incredibly strong fibers. These fibers are said to be more durable than Kevlar, more flexible than nylon, and much stronger than steel.

Cows that produce human milk and goats that produce spider silk in their milk, already exist, now we must ask, what is coming next?

On September 5, 2007, the *Human Fertilization and Embryology Authority* in the UK decided that "*there is no fundamental reason to prevent cytoplasmic hybrid research*" and agreed in principle to authorize the creation of human-animal embryos ("*Human-Animal*").

Two research groups in the UK were granted permission to create human-animal hybrid embryos in January 2008 by the Human Fertilization and Embryology Authority (HFEA)

Just 4 years later, according to *Daily Mail*, as of 2011, more than 150 human-animal hybrid embryos were created in British laboratories since the Human Fertilization and Embryology Act (2008) was passed.

Here we are not concerned about the ethics of biotechnology -- and what should or should not be done -- our focus is simply on *what can be accomplished right now* or is being developed at present. The FDA gives xenotransplantation the following definition:

"Xenotransplantation is any procedure that involves the transplantation, implantation or infusion into a human recipient of either (a) live cells, tissues, or organs from a nonhuman animal source, or (b) human body fluids, cells, tissues or organs that have had ex vivo contact with live nonhuman animal cells, tissues or organs." (FDA)

The process behind xenotransplants involves several steps. Currently researchers are investigating strategies to incorporate human anticoagulant or antithrombotic genes into genetically modified pigs to regulate the human inflammatory response.

To avoid the problems of animal organ rejection, it is proposed that the organ, probably from a pig or baboon, be initially bioengineered to alter it with human genes to trick a patient's immune system into accepting it as a part of its own body. This line of research is proceeding apace.

Previous trials revealed that transplantation of pig neuronal cells into non-human primates with a model of Parkinson's disease

significantly improved several brain functions. During the study some *monkeys received genetically engineered human neural precursor cells* and immunosuppressive therapy to prevent rejection.

For some animals this was too much; they developed lymph-proliferative disease, which suggested that their immune system had been weakened excessively. The authors of that research are still optimistic saying: "*If this issue can be resolved, an early clinical trial would seem justified in patients whose disease is refractory to therapies*."

Because of these problems the longest time of survival for pig organs in non-human primates varies from a few days in lung transplants to approximately 6-8 months in heart transplants.

Although research is still years away from conducting human trials of solid organ transplants of this nature; lifesaving transplants of a pig heart or liver could pose as an alternative solution until a human organ becomes available.

Other genetic experiments have the mission of revealing knowledge about the function of the human body, e.g., by creating mice with a human-like immunes system to study AIDS. Restrictions on cloning and stem cell research have made *chimera r*esearch an attractive alternative. Below are some examples of the research that has been is going in this field:

1) A U.S. corporation has recently produced a very large, muscular "monster salmon" which can grow up to three times as fast as normal salmon do.

2) Science can now produce cats that glow in the dark. A genetically modified cat created by scientists named Mr. Green Genes was the very first fluorescent cat in the United States. But Mr. Green Genes was not the first "glow in the dark cat" in the world. That honor went to a cat created by a team of scientists in South Korea

3) In Japan, scientists have discovered that they can grow rat organs inside of mice. The researchers hope to use the same technology to grow human organs inside of pigs.

4) But Japan is not the only one doing this kind of research. In Missouri, entities that are part pig and part human, are being grown with the goal of providing organs for human transplants

5) Scientists at Rockefeller University have injected human genes into mice. These "*humanized mice*" are being used to study the spread of the hepatitis C virus.

6) U.S. scientists have discovered that they can actually "grow" new human organs from scratch. The following is a quote from a recent Newsweek article....

> *"It might sound like science fiction, but growing new organs from scratch has already become reality. In addition to bladders, scientists have engineered new skin, bone, cartilage, corneas, windpipes, arteries, and urethras."*

Today, approximately 93 percent of all soybeans and approximately 80 percent of all corn in the United States have been genetically modified. Considering the fact that corn is literally in thousands of our food products, there is a very good chance that you consumed some genetically modified food today.

The general public, and mass media, are a decade or more behind the leading edge of genetic research that is taking place in labs around the world now. We are already living in a futuristic science faction world.

All of the foregoing goes to point up the probability that the earth is the product of terraforming; and the race that had that massive technology also genetically engineered life on Earth including our own species, which is being proven possible every week by our own scientists today.

One of the points the author made in his first book was that – because we are the product of ET bioengineering- we are and will continue to recapitulate the evolution of our progenitors- that is the essence of Cosmic Ancestry. We will eventually, providing we survive the crisis ahead, extend life to other worlds as our benefactors did.

Conclusion: Genetic engineering is proceeding at a much faster pace than even the most optimistic scientists imagined that it would. Clones and chimeras are being created every day as are genetically modified organisms, such as hybrid plant/bacteria.

This shows that if we can make such rapid advances in this field then genetically engineering humans would be child's play to an advanced extraterrestrial civilization. Science has already proven that the theory that humans are a genetically engineered species is viable.

Section III: Alien Disclosure

CH 10-The Disclosure Project

We need to be crystal clear about the US government's official position regarding the existence of UFOs. Neither government officials, military or otherwise -- nor any scientists connected to any of the official studies conducted on UFOs -- have ever categorically denied their existence.

But they did orchestrate a campaign of denials, false descriptions, i.e., weather balloons, swamp gas, and innuendos and insinuations about the mental stability or perceptual capacity of witnesses. The latter tactics even stretched to highly-trained military pilots who were alleged to have mistaken the planet Venus for a UFO.

The mainstream media has simply been a willing conduit for whatever misinformation or disinformation the government wanted to spread. Only in very recent years has the mass media even begun to take, and present, the phenomenon seriously as a real story worth investigating.

In fact, the government's campaign was fairly effective as it chilled the interest of both scientists and investigative journalists. But, as the subsequent chapter will show, many scientists saw through the governments diversionary tactics.

In fact a large number of top scientists around the world formed their own conclusions (**see CH 11).** These, as will be seen, were quite contrary to the military's position, and totally at odds with what the public was given to believe scientists thought of the phenomenon via the mass media.

However, the government took great pains to inculcate the notion that its military officials and scientists had concluded that there was nothing to the phenomena. In fact, they did no such thing.

Quite the reverse, General Twining, the Commander of Air Material Command in the late 1940's, his three page bureaucratic report provides the first glimpses of Lt. General Nathan F. Twinning's Air Accident Report who was the Commander of Air Material Command.

Twining describes in detail the inside of a “flying disc”, everything from typewriter-like keys that control the propulsion system to a thirty-five foot doughnut shaped one-inch tube inside the craft filled with a clear substance and a coil of copper-like material.

As requested by AC/AS-2 there is presented below, the considered opinion of this command concerning the so-called “Flying Discs.”

This opinion is based on interrogation report data furnished by AC/AS-2 and preliminary studies by personnel of T-2 and Aircraft Laboratory, Engineering Division T-3. This opinion was arrived at in a conference between personnel from the Air Institute of Technology, Intelligence T-2, Office, Chief of Engineering Division, and the Aircraft, Power Plant and Propeller Laboratories of Engineering Division T-3.

“It is the opinion that:
a. the phenomenon is something real and not visionary or fictitious. (Author underline)
b. there are objects probably approximating the shape of a disc, of such appreciable size as to appear to be as large as man-made aircraft.”

Hence, the swamp gas, balloons, hallucinations and various prosaic dismissals replaced true science.

The oblique ridicule and brain-washing has been intense and thorough, but only in the US. It goes even beyond the insinuations that those that reported UFO sightings were not in possession of normal mental faculties. That is why the government went through the public relations charades that were called investigations, all the way back to the late 1940s.

In truth, after the initial study Project Sign, which had a positive conclusion, was halted and Project Grudge begun, the fix was in. Once the decision to cover up Roswell was made in 1947, the Pentagon had to stick to their debunking position ever more aggressively.

The author presented a brief outline of those projects, which culminated in Project Blue Book, in the Genesis Race book II of that series. In that presentation he points out that even the lead-scientist astronomer J. Allen Hynek had shed his hard bitten skepticism after objectively studying thousands of cases.

He did so because he discovered a small core of cases that simply could not be explained away. In fact, Hynek took the UFO phenomenon so seriously that he organized his own research project after Blue Book was closed, The Center for UFO Studies, which is still in operation and on the Internet.

At this point, it is this author´s view that a new study be undertaken. However, not under the authority of the Pentagon, it is time for scientists to take the lead and, ironically enough, NASA is the most appropriate agency to conduct it. But it should be done with an international, impartial body of governing scientists -- not answerable to the US government -- on the panel.

That said, now it is time to explore the most serious and far reaching citizen run lobby, which has pressured the US government -- to disclose all of its hidden UFO files (The Disclosure Project) -- for some 20 years now.

This is a private effort started by Dr. Stephen Greer, an ex-emergency room doctor. He has also been the project's director for over 29 years now, working to fully disclose the facts about UFOs and extraterrestrial intelligence.

Greer began the project back in the early 1990s and he has amassed a very large UFO/ET database over the past several decades.

According to him, to date the project has been able to interview over 500 government, military, and intelligence community witnesses. They have testified to their direct, firsthand experiences with UFOs,

extraterrestrial entities, alien technology, and the government cover-up that keeps this information secret to this day.

In fact, on May 9th, 2001, more than twenty military, intelligence, government, corporate and scientific witnesses gave presentations to the National Press Club in Washington, DC.

This was a unique, even key event in the annals of Ufology and it was organized to establish "*the reality of UFOs or extraterrestrial vehicles, extraterrestrial life forms, and resulting advanced energy and propulsion technologies*," according the project's press release.

Greer hoped that having highly credible people (government insiders even) speak to the press, along with supporting official documentation and other evidence, would establish beyond doubt the reality of the phenomena. That would then motivate the public to pressure government officials to open their alleged, secret files.

Unfortunately the latter anticipated events did not transpire, at least not to this point in time in 2015. Nonetheless, the project brought forward a lot of new information from a wide range of apparently credible witnesses, if nothing else. Perhaps it represents a seed that will sprout at some future point in time?

At this juncture the author is going to insert an important group of letters written by Dr. Greer back in 2009. He raises a number of issues and relevant points, all pertaining to themes brought up in this series including the fact that a ´shadow agency´ controls the need to know about who has access to classified UFO data, and who does not.

(Perhaps not too surprisingly, the US president is not in the loop.)

Center for the Study of Extraterrestrial Intelligence

The Disclosure Project

Steven M. Greer, MD, Director and Founder

www.DisclosureProject.org www.CSETI.org

Dear Friends of Disclosure,

Nine months after the inauguration of a new and potentially transformative American President (Obama), we await significant progress on official Disclosure on the UFO/ET subject. While the UK, France, Denmark, Brazil and other countries around the world have increasingly opened their official government files, the US is found lagging behind her sister nations.

This is, in large part, because - up until now - the President has been denied access to such files. The so-called Majestic group illegally compartmentalized their secret operations away from Presidential and Congressional oversight. This secret, satellite government, which is transnational and answers only to itself, must now answer to the people and to this new President.

As you can see from the attached summary of the Special Presidential Briefing (SPB) that we have provided to the President and to his senior military and intelligence team, the full Briefing contains detailed information on the projects, project code numbers, names, corporations, locations etc., associated with the UFO/ET subject. (The full briefing is too lengthy to release at this time.)

In short, the President now has the key information that he needs to act. The President must now engage in executive action to oversee, control, and direct these operations for the benefit of the American people and the world.

This SPB has also been provided to the head of state of at least one G7 country, senior members of Congress, and other key government officials via known and reliable points of contact (POCs) directly to these leaders.

Now it is time for 'we the people' to be heard! Please write to these leaders and ask that they act NOW, as they are sworn to do, on our

behalf. Please write to the President, to your two US Senators, and to your member of Congress and ask:

That President Obama investigate the matter, gain proper control over these operations, end, once and forever, the secrecy surrounding the UFO subject, and work with other nations to quickly coordinate an official Disclosure;

That President Obama stand-down any covert offensive targeting of ET spacecraft;

That President Obama, working with other leaders around the world, initiate open, peaceful Contact with these Extraterrestrial Civilizations;

That President Obama move swiftly to release the Earth-saving new energy technologies contained within these illegal covert Majestic programs so that we may be freed from the death grip that oil, gas, coal, and nuclear energy have on the planet;

That the Congress hold open, secrecy-free hearings on these matters immediately.

If you are or know of a reliable, bona fide POC to a member of Congress, or other senior government official in the US or other country, who would like the full Briefing, please let us know.

The President was elected with the vision of transformative change. Nothing would so transform the world as the ending of this secrecy, peaceful open contact with the Extraterrestrial Civilizations visiting Earth and the release of these wondrous new technologies for peaceful energy generation. In just a few years, the world will be made anew.

Thank you for acting NOW to ensure the good future that most assuredly awaits humanity.

Steven M. Greer, MD

Director

CSETI and the Disclosure Project

Center for the Study of Extraterrestrial Intelligence

The Disclosure Project

Steven M. Greer, MD, Director and Founder

www.DisclosureProject.org www.CSETI.org

January 23, 2009

The next letter is actually a Briefing Document that Greer sent to President Obama.

Dear President Obama,

Since the mid-1950s, classified projects connected to extraterrestrial matters have operated outside of constitutionally required oversight and control by the President and Congress. This constitutes a grave and ongoing threat to US national security and global security and peace.

The implications of this subject are such that no aspect of life on Earth will be unaffected by its Disclosure. We are acutely aware that this subject is highly controversial and suffers from great social opprobrium within certain elite circles and within the mainstream media.

Indeed, secrecy on the subject has, in part, been maintained by a carefully orchestrated psychological nexus of ridicule, fear, intimidation and disinformation that makes it difficult for any public figure to openly address the matter.

Moreover, the 'bubble' of security and access restrictions that surround the Office of the President makes it very difficult for POTUS to receive accurate information and advice on the subject. The consequences of this secrecy, combined with the psychological

aspects mentioned above, have ensured that none of your predecessors have been able to effectively manage this problem. This has led to an unacknowledged crisis that will be the greatest of your Presidency.

Because of this misguided secrecy, the wondrous new sciences related to advanced energy generation, propulsion and transportation have been withheld from the people. These advances include the generation of limitless clean energy from the so-called zero point energy field and quantum vacuum flux field from the space around us, and propulsion that has been termed (incorrectly) anti-g-gravity.

The field of electromagnetic energy that is teeming all around us and which is embedded within the fabric of space/time can easily run all of the energy needs of the Earth – without pollution, oil, gas, coal, centralized utilities or nuclear power. POTUS Briefing – prepared by Steven M. Greer, MD – Director, The Disclosure Project – January 2009

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The disclosure of these sciences and their wise application during your first term as President is the most pressing matter before you. These sciences will create a true new energy economy allowing mankind to solve our most pressing problems of global warming, poverty and resource depletion.

The constellation of problems that include global warming, biosphere degradation, air pollution, energy security, Mid-East policy, a collapsing geo-economic order, growing disparity between the poor and rich of the world, over-population and human sustainability on Earth, to name but a few, are all interconnected and directly affected by the secrecy surrounding this subject.

The solutions lie not in old thinking and technologies but in a new consciousness application of new sciences. These sciences were

born in the late 19th and 20th centuries but were abandoned and suppressed due to the lust for power, greed and out of fear of unsettling the status quo.

It is time for a new Emancipation Declaration - one that frees all of humanity from the shackles of economic slavery that results from secret centralized power, corruption and global economic hegemony.

The world will not find justice and peace so long as half of the world's population lives in poverty while the other half cannibalizes the Earth to maintain its standard of living. This dire situation can and must be transformed into a world of abundance, clean and plentiful energy and genuine sustainability.

On this foundation, with these new sciences, technologies and a new consciousness, we can move forward as a people, united and in peace. Then and only then will we be welcome amongst the other civilizations of the cosmos.

That we are not alone in the universe is now a scientific given.

That we have been visited already by advanced civilizations - whose interests here are likely ancient - is controversial. However, in my discussions with European, Vatican, Canadian and other leaders around the world, a growing consensus exists that we have been visited and the time for disclosing this information is long past due.

More importantly, an appropriate diplomatic initiative is needed to communicate with these extraterrestrial visitors within a framework of universal peace, free from the past dominance of militarism and paranoia.

Insofar as upwards of 80% of the American people think that 'UFOs' are real, and that some aspect of the government is lying to them about it, continued secrecy redounds only to the benefit of the precious few who profit from such secrecy.

This secrecy undermines the credibility of the US and other governments, and allows the cancer of unchecked covert power - forewarned by President Eisenhower in his last address to the nation

- to metastasize throughout the world. It now threatens the very life of Earth.

Moreover, there exists a secret, ‘unacknowledged’ operation that has used very advanced electromagnetic weapon systems to track, target, and on occasion, but with increasing accuracy, down extraterrestrial vehicles. This reckless behavior constitutes an existential threat to all of mankind

The so-called MJ-12 or Majestic group that controls this subject operates without the consent of the people, or the oversight of the President and Congress. It functions as a transnational government unto itself, answerable to no one. All checks and balances have been obliterated.

While as a governing entity it stands outside of the rule of law, its influence reaches into many governments, corporations, agencies, media and financial interests. Its corrupting influence is profound and, indeed, it has operated as a very powerful and embedded global RICO whose power to date remains unchecked.

Upwards of $100 billion of USG funds go annually into this operation, also known as the ‘black budget’ of the United States - enough to provide universal health care to every man, woman and child in America.

When I first briefed *Director of Central Intelligence* James Woolsey on this matter in December of 1993, only a third of this governing group was in favor of what we were recommending:

Disclosure of the fact that we are not alone in the universe and the careful release of advanced energy generation systems that would replace oil, gas, coal and nuclear power. Sources now inform me that upwards of two-thirds of this group now support such an initiative.

Interests in Europe, the Vatican and Asia, especially France and China, are urging Disclosure. If the United States does not move forward, these other interests will, and America will be left behind

and become increasingly irrelevant in the world. This cannot be allowed to happen.

The European and Asian arenas will move with or without US involvement at some point in the very near future, as well they should. Six decades of secrecy is enough.

We are also morally obliged to warn you of an existing highly secretive plan to use advanced technologies to hoax an ‘alien attack’ on Earth. There exists within the direct control of this Majestic group assets capable of launching such a false flag operation and virtually every person on Earth, as well as most leaders, would be deceived by it. Components of this operation have been tested on the public over the past 50 years and include, but are not limited to:

Alien Reproduction Vehicles (ARVs) - these are advanced anti-gravity aircraft that have be fully operational since at least the late 1950s to early 1960s. Many so-called UFO reports by civilians and military personnel are of such ARVs. They constitute an unacknowledged or ‘black’ Air Force and these ARVs are capable of extraordinary speed, maneuverability and lift/hover.

By 2009, these technologies had gone through many generations of refinement and, if deployed, could easily hoax or simulate an Extraterrestrial Vehicle (ETV). (Note that a UFO is a nonspecific term and could be either an ARV or an ETV.)

Programmed Life Forms (PLFs) - these are well-crafted alien-appearing creatures that, while completely manmade, often deceive unknowing people as ‘aliens’. The stagecraft, genetics and other sciences associated with these creatures are beyond the scope of this brief, but are very well developed.

I have personally been briefed by multiple independent corroborating sources regarding the development and deployment of PLFs. These creatures, used in conjunction with ARVs, have convincingly launched the pop culture fervor over ‘alien abductions’.

Victims of such paramilitary human-controlled abductions genuinely believe that they have been abducted by ‘aliens’ and often have physical stigmata and ‘implants’ to prove it. These implants are also manmade and we have information about the laboratory and corporation making these items. (See attached documents)

Chemical, optical and electromagnetic systems to assist with creating an alteration in awareness are components of the ‘stagecraft’ used to hoax an ‘alien’ event. The vast majority of information in the public domain on the UFO subject is, therefore, carefully orchestrated disinformation designed to prepare the populace, as well as our leaders, for a non-existent ‘alien threat’.

The psychological warfare implications of this were described in the 1950s in CIA documents and are further elucidated by other documents and testimony. No less a figure than Werner Von Braun warned of this cosmic deception.

The objective of such a false flag operation is the creation of an enemy in space that would unite the world behind a global military power against such an ‘alien threat’. President Reagan and other leaders have been targeted with such disinformation, which is designed to secure their silence or cooperation with the agenda of secrecy and space-weaponization. The President needs to be careful to avoid being similarly deceived.

After very careful review of all data and documents and after interviewing hundreds of top secret witnesses, we have concluded that the actual extraterrestrial presence is distinctly non-hostile. In light of the reckless and aggressive nature of many of our covert military actions and the extraordinarily advanced technologies that permit interstellar travel by these extraterrestrial civilizations, if they were hostile, human civilization would have been dealt with decisively at the dawn of the nuclear era.

These visitors, however, appear to be very concerned with unchecked human hostility, war-making and weapons of mass destruction, combined with our early potential for space travel. The

tendency for people to engage in anthropocentric projection leads many to assume a threat where none exists. It is more likely that humanity may be seen as a threat to the cosmic order, insofar as we have failed to restrain the expansion of weapons of mass destruction while attempting to push farther and farther into space.

Moreover, we have failed to initiate an enlightened and peaceful diplomatic mission to these extraterrestrial visitors. This needs to change immediately.

Disclosure of this subject must be very carefully planned and positioned as a hopeful and elevating moment in human history. A poorly positioned Disclosure that demonizes these visitors or frightens the public may prove more harmful than secrecy. POTUS Briefing – prepared by Steven M. Greer, MD – Director, The Disclosure Project – January 2009

As you may know, my uncle was the senior project engineer who worked on the Lunar Module that took Neil Armstrong to the moon. The reason we were not welcome in space then is because the passport to traverse the universe is a stable peaceful world civilization that will go into space united and in peace.

In this regard, world peace and universal peace are two sides of the same coin. Once we vow to live peacefully on Earth and go into space only in peace, we will be welcome with open arms. Until then, a type of cosmic quarantine exists - rightly - around the Earth. Unfortunately, the media and movie industry are highly penetrated by interests loyal to the Majestic group, which has used the media to, in turns, ridicule the subject and present terrifying images of 'alien invasion'.

In short, the populace is almost thoroughly brainwashed on the matter, and this presents a further hurdle that must be carefully taken into account when planning Disclosure. Nevertheless, the status quo can no longer hold and fundamental change is urgently needed. To

this end, we urge the President to undertake a number of initiatives as soon as possible. We recommend that the President:

Appoint a Special Presidential Task Force to investigate this matter, identify covert facilities and assets (see attached summary) and reassert Executive control over these projects;

Identify and immediately stand-down operations that are covertly targeting Extraterrestrial Vehicles, weaponizing space and engaging in rogue disinformation projects;

Develop response plans to minimize the risks related to potential false flag operations that intend to hoax a hostile 'alien' presence, including preparations with military, intelligence and international institutions;

Form The Council on Interplanetary Relations to coordinate a peaceful, forward looking and non-militarized response to the extraterrestrial presence. The Center for the Study of Extraterrestrial Intelligence (see www.CSETI.org) has an 18 year ongoing project to establish such contact and can assist with this process. CSETI, working with other governments and world figures, will form such a Council if the US government decides not to do so within the next 12 months;

Immediately fund the study, development and careful release of those new energy technologies that can quickly replace fossil fuels and nuclear power. (See www.TheOrionProject.org).

Note that these technologies, since they acquire energy from the zero point energy field of space/time, will allow for the retirement of the electric energy grid. We are in possession of documents and information regarding key facilities and assets connected to these technologies (see attached documents).

The National Security Council needs to form a section specifically addressing the international, interplanetary and macroeconomic implications of this disclosure and at the urgently prepare for the release of these technologies;

The Orion Project (www.TheOrionProject.org) has identified key scientists to assist with the development of these new energy technologies. They have agreed to work with us, but are being prevented from doing so, one by a compartmented operation (TS SCI) to which he is assigned.

Respectfully,

Steven Greer

* * *

It is not within the scope of the present volume to either go into great detail regarding covert or black ops conducted against or to impersonate UFOs and/or aliens. From what this author has gathered Greer is in possession of at least some of the facts. That said, the politics are largely outside the framework and focus of this series, at this point in time, as well.

But the author is not averse to touching on the politics when they involve concealment of the truth, which is the focus of this and other volumes. The author has already stated his view. The U.S. government recovered the debris of a crashed ET spaceship, announced it, then decided to retract and cover/up the truth at Roswell.

Dr. Greer has done some crucial, necessary legwork in the field of modern UFO research. However, he seems to be much less aware of the massive amount of historical data that shows the phenomenon is a continuum and is by no means limited to the modern era.

CH21- Quotes – What Scientists Really Think

There is another type of disclosure and that is intellectual disclosure by highly qualified scientists. In this chapter we are going to examine statements made by a number of prominent scientists concerning UFOs and extraterrestrials.

It is of great interest to read the insights of highly educated, credentialed scientists regarding a phenomenon - that has all too often received derision and ridicule - and also been discredited by government officials in the mass media.

Remember, *the truth is out there*…if you keep an open mind and a fearless, persistent attitude…it comes.

Professor Hermann Oberth, German rocket expert considered along with Robert Goddard and Konstantin Tsiolkovsky as one of the three fathers of the space age. In 1955, Dr. Werner von Braun invited him to the U.S. where he worked on rockets first with the Army Ballistic Missile Agency, and then later with NASA.

It is my thesis that flying saucers are real and that they are space ships from another solar system. I think that they

possibly are manned by intelligent observers who are members of a race that may have been investigating our Earth for centuries. I think that they possibly have been sent out to conduct systematic, long-range investigations, first of men, animals, vegetation, and more recently of atomic centers, armaments and centers of armament production." (Oberth H., "Flying Saucers Come From A Distant World," The American Weekly, October 24, 1954)

Dr. Clyde W. Tombaugh: the American astronomer who discovered the planet Pluto. On August 20, 1949, he observed a UFO that he said appeared as a geometrically arranged group of six-to-eight rectangles of light, exhibiting a yellowish-green color, the formation moved from northwest to southeast over Las Cruces, New Mexico. He described his experience:

"*I doubt that the phenomenon was any terrestrial reflection, because... nothing of the kind has ever appeared before or since... I was so unprepared for such a strange sight that I was really petrified with astonishment*." (The UFO Evidence, ibid.)

Dr. Carl Sagan, Professor of Astronomy and Space Sciences at Cornell University. During the 1970s Sagan was the public spokesperson for the scientific community. He was a popular figure on television much as Neil deGrasse Tyson is today. Sagan made the following statement about extraterrestrial life:

"*It now seems quite clear that Earth is not the only inhabited planet. There is evidence that the bulk of the stars in the sky have planetary systems. Recent research concerning the origin of life on Earth suggests that the physical and chemical processes leading to the origin of life occur rapidly in the early history of the majority of planets.*

The selective value of intelligence and technical civilization is obvious, and it seems likely that a large number of

planets within our Milky Way galaxy - perhaps as many as a million - are inhabited by technical civilizations in advance of our own.

Interstellar space flight is far beyond our present technical capabilities, but there seems to be no fundamental physical objections to preclude, from our own vantage point, the possibility of its development by other civilizations." Sagan, Carl, "Unidentified Flying Objects," The Encyclopedia Americana*,* 1963

His statement was far ahead of its time and he seems to have foreseen the discoveries made by the Kepler mission decades in advance. Sagan actually argued for the scientific investigation of ancient accounts that mentioned extraterrestrial beings coming to earth and having contact with humans.

Dr. Frank B. Salisbury, Professor of Plant Physiology at Utah State University:

"*I must admit that any favorable mention of the flying saucers by a scientist amounts to extreme heresy and places the one making the statement in danger of excommunication by the scientific theocracy. Nevertheless, in recent years I have investigated the story of the unidentified flying object (UFO), and I am no longer able to dismiss the idea lightly*."

(Paper on "Exobiology" presented at the First Annual Rocky Mountain Bioengineering Symposium, held at the United States Air Force Academy, in May 1964, quoted in Fuller, John G., Incident at Exeter, Putnam, 1966.)

Dr. J. Allen Hynek, Chairman of the Department of Astronomy at Northwestern University and scientific consultant for Air Force investigations of UFOs from 1948 until 1969 (Projects Sign, Grudge and Blue Book).

Hynek was the key scientist involved in the official study of UFOs. His comments are very important to the field as he is still the preeminent scientist in the field of UFO studies. Over his long career, he made numerous remarks about the scientific implications of the UFO phenomenon:

"*Despite the seeming inanity of the subject, I felt that I would be derelict in my scientific responsibility to the Air Force if I did not point out that the whole UFO phenomenon might have aspects to it worthy of scientific attention*." (Hearings on Unidentified Flying Objects, Committee on Armed Services, House of Representatives, Eighty-ninth Congress, Second Session, 1966.)

"*I have begun to feel that there is a tendency in 20th Century science to forget that there will be a 21st Century science, and indeed a 30th Century science, from which vantage points our knowledge of the universe may appear quite different than it does to us. We suffer, perhaps, from temporal provincialism, a form of arrogance that has always irritated posterity*." (Hynek, J. Allen, letter to Science magazine, August 1, 1966)

"*When one gets reports from scientists, engineers and technicians whose credibility by all common standards is high and whose moral caliber seems to preclude a hoax, one can do no less than hear them out, in all seriousness*." (Hynek, J. Allen, "The UFO Gap," Playboy, Vol. 14, No. 12, December 19670)

"*There exists a phenomenon... that is worthy of systematic rigorous study... The body of data point to an aspect or domain of the natural world not yet explored by science... When the long awaited solution to the UFO problem comes, I believe that it will prove to be not merely the next small step in the march of science but a mighty and totally*

unexpected quantum jump." (Hynek, J. Allen, The UFO Experience: A Scientific Inquiry, Chicago: Regnery Co., 1972)

Dr. Leo Sprinkle, Professor of Psychology at the University of Wyoming had his first UFO sighting in 1951 when he and a friend saw what he described as "*something in the sky, round and metallic looking*." Then in 1956, he had a second sighting accompanied by his wife while driving near Boulder, Colorado:

"*We watched it for quite a few minutes. We could see it was larger than the headlights of the cars below. And we could see it was not attached to anything. And there was no sound. I became frightened actually, because it wasn't anything I could understand... from a personal viewpoint, I am pretty well convinced that we are being surveyed.*" ("Flying Saucers," Special Issue of Look magazine, 1967)

Dr. James E. McDonald, Senior Physicist at the Institute of Atmospheric Physics at the University of Arizona testified at the UFO hearings convened by the House Committee on Science and Astronautics in 1968:

"*The types of UFO reports that are most intriguing are close-range sightings of machine-like objects of unconventional nature and unconventional performance characteristics, seen at low altitudes, and sometimes even on the ground. The general public is entirely unaware of the large number of such reports that are coming from credible witnesses... When one starts searching for such cases, their numbers are quite astonishing. Also, such sightings appear to be occurring all over the globe." ("*Symposium on Unidentified Flying Objects," Hearings before the Committee on Science and Astronautics, U.S. House of Representatives, July 29, 1968.)

Dr. Robert M. L. Baker, Jr., President of West Coast

University; author of two Astrodynamics textbooks; also the head of Lockheed's Astrodynamics Research Center (1961-64) and a member of the faculty of Astronomy and Engineering at UCLA (1959-71).

He specialized in the study of films of UFOs and anomalistic radar images, and has concluded that two of the most famous UFO footage, taken in the 1950s, cannot be explained in terms of conventional phenomena.

In 1968, he made the following statement concerning the one U.S. radar system in operation at that time, that, to his knowledge, exhibited sufficient continuous coverage to reveal UFOs operating above the earth's atmosphere:

"*The system is partially classified and, hence, I cannot go into great detail... Since this particular sensor system has been in operation, there have been a number of anomalistic alarms. Alarms that, as of this date, have not been explained on the basis of natural phenomena interference, equipment malfunction or inadequacy, or man-made space objects*." (1968, Congressional Hearings, ibid.)

Stanton T. Friedman, a nuclear physicist and well known UFO researcher, responsible for the original investigation of the Roswell, New Mexico incident.

In a prepared statement submitted to the House Science and Astronautics Committee UFO Hearings in 1968, Friedman posed and answered a series of key questions about the UFO phenomenon:

1. To what conclusions have you come with regard to UFOs? *I have concluded that the earth is being visited by intelligently controlled vehicles whose origin is extraterrestrial. This doesn't mean I know where they come from, why they are here, or how they operate.*

2. What basis do you have for these conclusions?

Eyewitness and photographic and radar reports from all over the earth by competent witnesses of definite objects whose characteristics such as maneuverability, high speed, and hovering, along with definite shape, texture, and surface features, rule out terrestrial explanations.

3. Were there any differences between the unknowns and the knowns*? A 'chi square' statistical analysis was performed comparing the unknowns in this study to all the knowns. It was shown that the probability that the unknowns came from the same population of sighting reports as the knowns, was less than 1%. This was based on apparent color, velocity, etc... Maneuverability, one of the most distinguished characteristics of UFOs, was not included in this statistical analysis*." (1968 Congressional Hearings, ibid.)

Dr. Margaret Mead, a world-renowned anthropologist, stated:

"*There are unidentified flying objects. That is, there is a hard core of cases - perhaps 20 to 30 percent in different studies - for which there is no explanation... We can only imagine what purpose lies behind the activities of these quiet, harmlessly cruising objects that time and again approach the earth. The most likely explanation, it seems to me, is that they are simply watching what we are up to."* (Mead, Margaret, "UFOs - Visitors from Outer Space?" Redbook, vol. 143, September 1974.)

The American Institute of Aeronautics and Astronautics UFO Subcommittee. The AIAA established a subcommittee in 1967 to look into the UFO question. The UFO Subcommittee issued several reports and statements, including in-depth studies of two UFO incidents.

The UFO Subcommittee stated that its "most important conclusion" was that government agencies consider funding UFO research:

"*From a scientific and engineering standpoint, it is unacceptable to simply ignore substantial numbers of unexplained observations... the only promising approach is a continuing moderate-level effort with emphasis on improved data collection by objective means... involving available remote sensing capabilities and certain software changes*." (Story, Ronald D., The Encyclopedia of UFOs, New York: Doubleday, 1980.)

The Subcommittee of the American Institute of Aeronautics and Astronautics criticized the conclusion of *The Condon Report* as the personal views of Dr. Condon, and added:

"*The opposite conclusion could have been drawn from The Condon Report's content, namely, that a phenomenon with such a high ratio of unexplained cases (about 30 percent) should arouse sufficient scientific curiosity to continue its study*." (Story, Ronald D., ibid)

Dr. Richard Haines, Psychologist specializing in pilot and astronaut "human factors" research for the Ames NASA Research Center in California, from where he retired in 1988 as Chief of the Space Human Factors Office. He has stated:

"*We're not dealing with mental projections or hallucinations on the part of the witness but with a real physical phenomenon*." (Haines, Dr. Richard, Observing UFO's, Chicago: Nelson-Hall, 1980)

A principal focus of his UFO research concerned aircraft cases:

"*Reports of anomalous aerial objects (AAO) appearing in the atmosphere continue to be made by pilots of almost every airline and air force of the world in addition to private and experimental test pilots. This paper presents a review of 56 reports of AAO in which electromagnetic effects (E-M) take place on-board the aircraft when the phenomenon is*

located nearby but not before it appeared or after it had departed.

*"Reported E-M effects included radio interference or total failure, radar contact with and without simultaneous visual contact, magnetic and/or gyro-compass deviations, automatic direction finder failure or interference, engine stopping or interruption, dimming cabin lights, transponder failure, and military aircraft weapon system failure." (*Haines, Dr. Richard, "Fifty-Six Aircraft Pilot Sightings Involving Electromagnetic Effects," MUFON 1992 International UFO Symposium Proceedings)

Dr. Peter A. Sturrock, Professor of Space Science and Astrophysics and Deputy Director of the Center for Space Sciences and Astrophysics at Stanford University; Director of the Skylab Workshop on Solar Flares in 1977. He has stated:

"*The definitive resolution of the UFO enigma will not come about unless and until the problem is subjected to open and extensive scientific study by the normal procedures of established science. This requires a change in attitude primarily on the part of scientists and administrators in universities*." (Sturrock, Peter A., Report on a Survey of the American Astronomical Society concerning the UFO Phenomenon, Stanford University Report SUIPR 68IR, 1977.)

"*Although... the scientific community has tended to minimize the significance of the UFO phenomenon, certain individual scientists have argued that the phenomenon is both real and significant. Such views have been presented in the Hearings of the House Committee on Science and Astronautics [and elsewhere]. It is also notable that one major national scientific society, the American Institute of Aeronautics and Astronautics, set up a subcommittee in*

1967 to 'gain a fresh and objective perspective on the UFO phenomenon.'

In their public statements (but not necessarily in their private statements), scientists express a generally negative attitude towards the UFO problem, and it is interesting to try to understand this attitude. Most scientists have never had the occasion to confront evidence concerning the UFO phenomenon. To a scientist, the main source of hard information (other than his own 'experiments', observations) is provided by the scientific journals.

With rare exceptions, scientific journals do not publish reports of UFO observations. The decision not to publish is made by the editor acting on the advice of reviewers. This process is self-reinforcing: the apparent lack of data confirms the view that there is nothing to the UFO phenomenon, and this view works against the presentation of relevant data." (Sturrock, Peter A., "An Analysis of the Condon Report)

Dr. Jacques Vallee, astrophysicist, computer scientist and world renowned researcher and author on UFOs and paranormal phenomena. He worked closely with Dr. J. Allen Hynek. Commenting on the need for science "to search beyond the superficial appearances of reality":

"*Skeptics, who flatly deny the existence of any unexplained phenomenon in the name of 'rationalism,' are among the primary contributors to the rejection of science by the public. People are not stupid and they know very well when they have seen something out of the ordinary. When a so-called expert tells them the object must have been the moon or a mirage, he is really teaching the public that science is impotent or unwilling to pursue the study of the unknown*." (Vallee, J., Confrontations, New York: Ballantine Books, 1990.)

In his last book, he reveals from his diaries how the government has deliberately misled the scientific world, the media and the public regarding their information on UFOs and paranormal research:

"*It is unusual for scientists to keep diaries and even more unusual for them to make them public... I have followed this rule of silence for the last thirty years, but I have finally decided that I had no right to keep them private anymore... They provide a primary source about a crucial fact in the recent historical record: the appearance of new classes of phenomena that highlighted the reality of the paranormal. These phenomena were deliberately denied or distorted by those in authority within the government and the military. Science never had fair and complete access to the most important files*."

"*The thirteen years covered here, from 1957 to 1969, saw some of the most exciting events in technological history... Behind the grand parade of the visible breakthroughs in science, however, more private mysteries were also taking place ... all over the world people had begun to observe what they described as controlled devices in the sky. They were shaped like saucers or spheres. They seemed to violate every known principle in our physics*."

"*Governments took notice, organizing task forces, encouraging secret briefings and study groups, funding classified research and all the time denying before the public that any of the phenomena might be real... The major revelation of these Diaries may be the demonstration of how the scientific community was misled by the government, how the best data were kept hidden, and how the public record was shamelessly manipulated*." (Vallee, J., Forbidden Science, Berkeley: North Atlantic Books, 1992)

Dr. John E. Mack, former Professor of Psychiatry at The Cambridge Hospital, Harvard Medical School, and founding director of the Center for Psychology and Social Change.

A 1977 Pulitzer Prize winner for his biography of Lawrence of Arabia, Dr. Mack has studied the subject of UFO abductions in recent years:

"*I will stress once again that we do not know the source from which the UFOs or the alien beings come (whether or not, for example, they originate in the physical universe as modern astrophysics has described it). But they manifest in the physical world and bring about definable consequences in that domain*." (Mack, J., Abduction - Human Encounters With Aliens, New York: Scribners, 1994)

Dr. Auguste Meessen, Professor of Physics at the Catholic University in Louvain and one of the scientific consultants for the Belgian Society for the Study of Space Phenomena (SOBEPS). In an interview with French journalist, Marie-Therese de Brosses, Professor Meessen discussed the recent UFO wave in Belgium:

"*There are too many independent eyewitness reports to ignore. Too many of the reports describe coherent physical effects, and there is an agreement among the accounts concerning what was observed... But of course there are also physical effects. The Air Force report [of the F-16 jet scramble incident on the night of March 30-31, 1990] allows us to approach the problem in a rational and scientific way.*

The simplest hypothesis is that the reports are caused by extraterrestrial visitors, but that hypothesis carries with it other problems. We are not in a rush to form a conclusion, but continue to study the mystery." (Brosses, M.-T. de, "F-16 Radar Tracks UFO," Paris Match, July 5, 1990, English version in the MUFON UFO Journal, No. 268, August 1990)

The Chinese Academy of Social Sciences - branch, the **China UFO Research Organization (CURO)** As of 1985, CURO had 20,000 members and two publications the Journal of UFO Research and Space Exploration. The Journal's first issue in 1981 included an article by **Comrade Bang Wen-Gwang** of the Chinese Academy of Sciences' Beijing Astronomical Research Society. The article stated in part:

"*In this field [Ufology], prejudice will take you farther from the truth than ignorance... But with a topic such as UFOs, where does the scientific method begin? And where does it end? This grand endeavor would consist of the serious recording of the enormous available data and the use of all scientific procedures for the purpose of analysis... China is so vast, and UFOs are certainly being witnessed again and again all throughout China, and China most definitely will evolve her own indigenous school of UFO researchers. This is our sincerest and deepest hope*." (Wen-Gwang, B., "The Aspirations & Hopes of the Chinese UFO Investigator," The Journal of UFO Research, No. 1, People's Republic of China, 1981.)

Dr. Paul Santorini, Greek physicist and engineer credited with developing the proximity fuse for the Hiroshima atomic bomb, two patents for the guidance system used in the U.S. Nike missiles, and a centimetric radar system.

He has stated that he believes UFOs are under intelligent control. In 1947, he investigated a series of UFO reports that debunkers maintained wrongly were Soviet missiles. He stated:

"*We soon established that they were not missiles. But, before we could do any more, the Army, after conferring with foreign officials, ordered the investigation stopped. Foreign scientists flew to Greece for secret talks with me...*

A world blanket of secrecy surrounded the UFO question because the authorities were unwilling to admit the existence of a force against which we had no possibility of defense." (Fowler, R., UFOs: Interplanetary Visitors, New York: Bantam Books, 1974)

We have to add a clarifying point. There is an absolute consensus among astronomers and other scientists that extraterrestrial civilizations exist. The only debate is whether any have actually visited, or do now visit, the Earth.

The above quotes are positively stating that they have and do soar through our skies. That of course is the position of this series.

Another list of prominent individuals with strong, informed and intelligently thought-out perspectives on UFOs, extraterrestrial visitation, will be published in the next volume of this series.

In the following chapters we will examine several well documented, recent UFO contact cases.

CH12- **NASA: the dark looking glass**

The moon has always fascinated us for many reasons. It has represented something romantic, visceral and mysterious for starters. That was especially true in the era prior to the space age. In those bygone days we simply admired it´s silvery glow and man-in-the- moon surface features, hovering over us in the night sky.

But now it has been 45 years since our astronauts set foot on the lunar surface if NASA is to be believed…yet there is something strange going on. One has the feeling that our scientists are not telling us the whole story. It is obvious, even through a home telescope that the moon is not a complicated celestial body or so it seems on the surface.

With that in mind we have to carry out our duty as informed citizens by asking some basic questions: why have NASA, the Russians, the European Space Agency, China, the Indian Space Agency, Japan, et al. dispatched lunar probes, again and again for the past five decades?

The total number of lunar missions now exceeds 150!

That translates into millions of photo images and an enormous backlog of technical data, which has not even been fully evaluated to date. Yet more missions are planned and conducted, for what end purpose we may ask?

Given those facts we have to wonder why, in the Internet era -- with all the controversy on the web and many sites presenting evidence that NASA faked the lunar landing -- the Space Agency has not presented clear pictures of the machinery they supposedly left behind?

We will explore that question and many others in this chapter.

In the previous volume in this series the author presented a brief historical examination of NASA´s early mission. He focused on several of the astronaut´s and their views on extraterrestrials, as well as on some of the *high strangeness* involving the lunar expeditions.

Having been alive during the entire space race, and old enough to have joined the military in 1965, this researcher is keenly aware of just how much of a role the following played:

1) Public interest in extraterrestrial life and UFOs, very much in the news then, was a potent early motivation to explore other planets 2) the Star Trek series also inspired the public to sign on to space exploration and 3) the idea of beating the Russian´s in the space race added fire to the public´s unbridled support of NASA.

The historical record shows, in no uncertain terms, that NASA's focus was on putting a manned lunar-base on the moon, right after the Apollo mission succeeded at putting men on the lunar surface. That fact was trumpeted in the mass media for years.

Then suddenly, the whole process was halted in mid-course without any rational explanation given to the public. That this was an extremely odd, and psychologically jarring, reversal was not really discussed in the mainstream press.

The public was just supposed to blankly accept it as if nothing extraordinary happened and march silently on. Oddly enough the American people dutifully obliged for decades pretending that the promised Lunar Base mission had been a figment of its imagination.

The fact remains that NASA, 45 years later, has not sent a follow-up manned-mission to the moon. But they are still talking about, and proposing a future such mission, as of 2007 by Bush -- then scrapped by Obama in 2010 -- now postponed indefinitely again in 2014. How convenient for the space agency.

Richard Hoagland -- a former NASA sub-contractor, author, and scientific consultant to CBS turned space agency critic and NASA watchdog -- claims that they have not gone back because they encountered artificial structures already present on the moon.

Beyond that Hoagland contends that NASA discovered the remains of an alien civilization both on the moon and Mars. However, be those things as they may, an interesting feature of his work is that he never brings up many of the more obvious enigmas that involve both the US and USSR space programs.

For example, while Kennedy was supposedly backing the USSR out of Cuba in 1961 -- in what is known as the Cuban missile crisis -- he was also mulling over the idea of joint space cooperation with the Soviet leadership. That presents a paradoxical picture of the Cold War.

Why was the Kennedy administration eager to work with the Soviets involving space research at a time when it looked like the US and USSR might exchange nuclear warheads? As far as the American and Soviet people were concerned their respective governments were in a completely antagonistic relationship.

Not only that, JFK pitched the idea of landing men on the moon as an effort to beat the USSR in the alleged “space race¨ in ´63; but he was also secretly advancing the joint space research to Kruschev via secure channels.

The author uses the term ¨alleged¨ because after the collapse of the Soviet Union, in 1991 the Russians said there never was a space race because they were not trying to land a man on the lunar surface.

Could Kennedy have been eager to have NASA scientists work with the Soviets because he was privy to Roswell (Majestik12)

information? This makes sense out of the confusing contradictions that otherwise appear nonsensical. Ten years later the US and USSR did announce a joint space program.

[Oddly enough, that too was in the middle of the so-called Cold War as was brought up in the prior volume.]

If the U.S. leadership was in possession of the truth about UFOs they undoubtedly knew that extraterrestrials had probably already been on the moon. Either that or they suspected it.

Knowing that the Soviet´s would soon learn these things, or already had -- since they jumped out ahead of the US in space technology and research in the late 1950s (examined in CH ?-- American leaders had some motivation to want to cooperate in space, in spite of the Cold War.

That also clarifies why the Apollo astronauts were talking about seeing *structures* when they landed on the moon. Anyone who has read the original NASA transcripts can sense that they were not referring to the obvious natural, geological formations. (The author raised these points in the previous volume.)

In addition, he brought up the weird missing (live TV transmission) time, and the two camera mishaps, that do not fit the image profile of the super competent, elite astronaut corps. Nor do they fit in with the normal procedures of live network broadcast operations for that matter.

Here again the author would recommend the reader look over the full transcripts and pay strict attention to just how much focus they had on the camera equipment. The logs are easy to read. (NASA website archives Appolo 11)

Now, while this researcher is convinced that there are indeed some very enigmatic lunar features and structures, he does not endorse

Hoagland´s ideas carte blanche. However, credit where credit is due, Hoagland has made some very crucial points about NASA that the public needs to get clear on.

First, the space agency charter makes it abundantly clear that NASA was established in association with the Department of Department (DOD). It was misrepresented, by the mass media, as a civilian-run enterprise with the *purely*, scientific mission of space exploration and research.

Like the Federal Reserve System, which is a quasi private/public institution – but not strictly a government agency - the NASA charter was actually drawn up to disguise its close association with the military and emphasize its civilian, scientific side.

In reality, their strategy was the flip side of the FED strategy, which was to look like a government agency but, in fact, be a largely private enterprise controlled by the US banking cartel.

That is a critical point because it means that NASA could invoke the statutes governing *national security* at any time. That has allowed the space agency to keep any research findings they wish not to disclose, *secret.*

Most of the public still believes that NASA is compelled to publicly disclose whatever discoveries they make, that is not true. In fact, the mainstream -- and the science press as well-- have been responsible for creating this mistaken, misleading misimpression.

The other key point that Hoagland has raised, which this author agrees with is the drip, drip, slowly over-time method that NASA uses to disclose data to the public. In some cases the agency has waited decades -- from the time of a discovery -- until they decided to release the findings to the American taxpayers who fund the space agency.

The water observed on the moon by Apollo astronauts is one example. It took NASA over 40 years to confirm the fact that water exists on the moon.

The very first lunar missions collected rocks, one of which the astronauts reported had rust on it. When the samples were analyzed back on Earth, H2O was observed.

In addition, on March 7, 1971, lunar instruments placed by the astronauts recorded a H2O vapor cloud passing across the surface of the moon. The cloud lasted 14 hours and covered an area of about 100 square miles.

But look how long it took NASA to confirm the water finding, which they only did in recent years. The fact is that the agency´s scientists knew it forty years ago. In addition, the Soviets discovered water during their early missions and announced their findings in 1979 in a science publication.

Next, researchers noticed the traces of water on Mars from the results of the first mission in the mid-1970s. Chandra Wickringshame -- hardly a wild eyed anti-space research guy – has also publicly accused NASA of withholding data concerning the discovery of life forms on Mars.

Here too, the agency dragged out their missions and finally announced finding the evidence of flowing water in 2013…ho hum.

We can fully agree with Hoagland on these issues and on his general observations about NASA hiding many of its findings. But the author simply does not see the evidence of the ruins of a civilization having existed on the surface of the moon.

Yes, there are some features, straight-line trenches, holes and dome-like structures that look like mines and more…

But what concerns this investigator is that there are other very important lunar findings that NASA has made but does not want to talk about, that are going largely unnoticed. The public is always attracted to the most extreme and sensational ideas and stories because that is what the media sells.

People tend to get caught up in the sensational aspects of the ¨tower¨, apparent pyramids and, and these more significant discoveries escape attention.

Curiously, while Hoagland makes the case for there being alien civilizations on the moon and Mars, he does not point to the Earth as being home to the most startling evidence that our solar system was once home to an alien race.

This author argues that NASA ought to be tasked with the job of analyzing the facts and anomalous artifacts that he has presented (and more are being offered in this volume) along with their other Earth-centered, data collection missions.

Who built the Giza pyramids? Just how sophisticated an artifact are they? Is the Starchild Skull (Atacama humanoid) that of an alien species?

There are literally thousands of artifacts and ancient records that need to be scientifically analyzed using state-of-the-art technology and current archaeology, history and anthropology databases.

At this juncture we need to fully examine one of the first and most obvious pieces of disinformation NASA has and still is disseminating about the moon. That is simply the lie that the moon´s gravity field is $1/6^{th}$ that of the earth´s.

In the 1950's and early '60s NASA used Newton´s model for its working formula.

Without using the mathematical equations the formula simply states that the greater the mass of an object, the stronger the force of gravity. According to the equation, since the moon is 1/4 the size of Earth, the moon's gravity is much less than the earth's by 83.3% (or 5/6) to be exact according to physicists.

Next, since "weight" is a measure of the gravitational pull between two objects, you (the astronauts) would weigh much less on the moon, in fact, $1/6^{th}$ of your Earth weight. That means that a 185 lb man (several of the astronauts were) would weigh 30 lbs on the lunar surface.

Now a well trained astronaut in top physical condition, even carrying the allegedly 180 lbs of space suit and backpack only had a combined weight of about 60 lbs in the supposedly 1/6 (that of earth) lunar gravity field.

In fact, since the astronauts trained in full gear in the desert southwest, their physical strength and endurance would have been optimized on the moon. They should have been bounding with each step and should have easily jumped off the ground by 3 ft or more with minimal effort.

That is not what we see in the lunar landing videos.

Carefully examine the Apollo 11 mission, video footage available on Youtube, from the time they climb down the ladder through each phase of operations. Note how they appear to either walk with an almost normal, earth gait or shuffle and hop slightly.

Then when they climb even a gentle slope their breathing is labored and, in fact, they do not make it to their objective because of their fatigue and slow pace.

Instruments that measured their heart rates showed that they were greatly accelerated. That should not have happened in a radically reduced gravity environment.

These men -- all in their prime and as conditioned as pro athletes -- should have been able to leap many feet through the air and walk without becoming tired. More revealing are the falls that astronaut ? took and the difficulty he had in getting back on his feet.

If they had been trained in earth gravity their radically reduced weight would have reduced their efforts and work load just as radically. Review the videos without the cues that NASA used to condition the public´s perceptions. to agree with their conceptualization of the lunar reality.

Notice how the astronaut´s boots do not lift off the ground much when they walk or shuffle. Now consider how high a pro basketball player jumps to stuff a basketball and take away 83% of his weight, how high would be jumping?

The videos are one damming piece of evidence that reveals the fact that NASA has been hiding its discoveries from us. But there is an even stronger piece of very scientific evidence that backs up the above conclusion concerning NASA´s alleged vs. the actual lunar gravity.

To illustrate the next point we need a bit of scientific grounding.

It is well-established that near the Earth's surface, objects fall with an acceleration of 32.2 feet per second every second. Therefore, as each second passes, a falling object gains in speed by 32.2 feet per second. It will continue to accelerate until it reaches a constant speed because of air resistance.

Those actions too are related to the effects of gravity. Next, an object moving away from the Earth's surface, reaching an altitude of 3,960 miles will find that the gravitational pull has been reduced by three quarters. In other words the gravity field gets weaker in relation to the increasing distance from the Earth´s surface.

At this altitude, bodies have only one-fourth of their surface weight similar to the moon; a 200-pound man would weigh only 50 pounds.

Furthermore, he would be accelerated at one-fourth the surface rate, or 8 feet per second every second, and it would take him twice as long to fall a given distance starting at rest.

Again referencing the NASA videos, note that when the astronaut stumbles to the lunar surface he falls at a normal (earth) rate. Then when a piece of cloth drops it also appears to fall to the surface at the same speed it would if it had happened on Earth.

Those points are worth noting, but that is not where this particular analytical angle is headed.

We have to take a brief -- and very basic -- look at rocket science and how scientists calculated the amount of thrust and velocity required to 1) get a vehicle out of the earth´s gravitational field into the vacuum of space and then 2) reverse that process to enter the moon´s much weaker gravitational field and safely land the module on the lunar surface.

Now before delving deeper into the science involved we need to familiarize ourselves with a key concept.

The point where a space vehicle is about to leave the dominant zone of the earth´s gravity and enter the zone of the Moon's gravity is called the *neutral point*. It is the region in space where the Earth's force of attraction equals the Moon's force of attraction.

Okay, since the Moon is smaller and supposedly has a much smaller surface gravity, the *neutral point* should be very close to the Moon.

In fact, if it is assumed that the Moon has one-sixth of the Earth's surface gravity, the neutral point is calculated to be about nine-tenths of the distance between the Earth and moon. The average distance to the Moon is about 239,000 miles. This puts the *neutral point* approximately 23,900 miles from the Moon's center.

All of the scientific literature gleaned from the 1960s cited the above formula as facts. For example we find,

¨…*the neutral point is about 23,900 miles from the Moon, at a point almost precisely nine-tenths of the distance to the Moon*.¨
Mathematics of Space Exploration written in 1965, Myrl H. Ahrendt

Beyond the neutral point, the moon´s gravitational pull is stronger than the Earth's, so it was pivotal to have that point nailed down. NASA had an obvious need for accuracy on this issue, because beyond the neutral point a space craft would accelerate toward the surface when captured by the lunar gravitational field.

In fact, they determined the actual *neutral point* in a series of unmanned missions that took place in the late 1950s. The space agency had made three *unsuccessful* attempts with Pioneers 1, 2, and 3 in 1958 using Newton´s formula. But it proved wrong.

They did not achieve success until they sent a fly-by *using 37,300 miles* from the lunar surface as the neutral point.

The failed missions alone discredit their contention about the strength of the lunar gravity field. The above analysis of lunar probes indicates that the U.S. and Russia probably had a clear picture of the nature of lunar gravity as early as 1959.

However, it is a certainty that both countries learned how to work with lunar gravity and make soft-landings by 1966. In the 1969 edition of History of Rocketry & Space Travel by Wernher von Braun and Frederick I. Ordway III, the following statement is made concerning Apollo 11:

The approach to the Moon was so precise that the mid-course correction scheduled for 8:26 a.m. (EDT) 46 MOONGATE on the 19th was canceled. At a distance of 43,495 miles from the Moon, (author´s underline) Apollo 11 passed the so-called "neutral" point, beyond which the Lunar gravitational field dominated that of Earth. Consequently, the spacecraft, which had been gradually losing speed on its long coast away from Earth, now began to accelerate. (

Note that the precision of the flight was so great that the mid-course correction was not needed. In addition, the exact distance of the neutral point distance is given and it is much greater than the figure based on Newton's formula

In reference to Apollo 11, Time magazine gave the following neutral point information in the July 25, 1969 issue: *At a point 43,495 miles from the moon, lunar gravity exerted a force equal to the gravity of the earth*…in complete agreement with von Braun, who was after all the dean of German and then American rocketry.

That is about a 40% increase over the figure, which NASA had used in the ´50s, above the much smaller number derived from Newton´s formula. The author suggests that the reader go and look up what various sources have to say about the lunar gravity figures and the *neutral point*.

(You may be surprised to find that the pre-space exploration, entirely erroneous figures are still used, why? This issue is still hotly debated.

The various revised figures from 39,000 to 43,495-miles represent the value of the *neutral point* given by a number of official sources referred to above, strange that the erroneous figures would still be used 50 years later. Not only used but taught by teachers and professors to our students, then and now.

Why would scientists release this information and continue to refer to the Moon's alleged one-sixth gravity field to this day? Well, we could speculate that they would do this to hide the fact that the lunar gravity is much greater than it should be. So what?

Because, the revised neutral point comes with a necessary revision of the lunar gravity field; shifting the neutral point out 15,000 or more miles, increases the Moon's surface gravity to about 40% that of

Earth´s. But that revision requires a concurrent revision of our understanding of the moon and gravity.

Therein lays the rub. How could the moon's gravity defy the laws of physics?

(Could this be the real reason behind the redundant lunar missions, why there have not been any follow up manned-missions, and the reason for the costly lunar gravity mapping mission?)

There is more to this than the discrepancies of the neutral point; the seeming lack of low gravity exhibited by the difficulty the astronauts had on the surface; and the fact that the manned lunar-base mission was abandoned right after the successful Apollo landing.

Is the author intimating that NASA never landed on the moon? No, that is a red-herring debate. We are accepting the lunar landing but raising serious questions about a number of discrepancies in the NASA record. The next one is serious indeed and it too is undeniable.

According to NASA officials, as documented in the public archives, one of the reasons that the space agency has not returned humans to the moon is due to the invasive, omnipresent, clingy lunar dust.

"Moondust was a real nuisance for Apollo astronauts…It stuck to everything – spacesuits, equipment, instruments….The sharp-edged grains scratched faceplates, clogged joints, blackened surfaces and made dials all but unreadable…The troublesome clinginess had a lot to do with moondust's electrostatic charge."

The quote was made by a group of NASA -- and University of Alabama researchers -- at the National Space Science and Technology Center's "*Dusty Plasma Lab*" in Huntsville, Alabama in 2013.

But once again NASA's own Apollo videos, and still photography images, in the archives absolutely dispute the above assertion. If the

above were true then the anti-gravity thrusters would have kicked up clouds of lunar dust on landing. Yet such is not apparent in the video footage or the still images.

The following insert shows the landing pad right after the Apollo touched down on the lunar surface.

Where is the dust? If it existed, then surely the landing thrusters would have blasted it and sent it flying in all directions. It should have settled on the pad and covered it. But there is zero evidence of any dust particles.

NASA scientists have claimed that the lunar surface is covered by a layer of fine, powdery dust. However, the landing pads do not appear to be planted even one inch into the supposedly powdery soil. A larger, wider view of the lunar landing module shows these things even more clearly.

Above is a crisp, high resolution still photo of the Apollo 11 landing. We do not see any traces of this ‘dangerous, pervasive moon dust’ that NASA claims prevented future manned-missions. There is none on the module, none on the astronaut and none flying around the spacecraft. None!

Dear reader, if you peruse the NASA archives and examine the video, and still photographs, you will fully realize that the space agency has lied to us.

Watch the astronauts cavort across the lunar surface and look for the dust clouds that they should have kicked up. Is there any clinging to their spacesuits, any on the Lunar Lander? Are they bounding along effortlessly or barely hopping and shuffling a couple of inches off the ground?

Why have they lied about the gravity and the dust?

Very simply, in order to hide the fact that the moon is not what they thought it was. There is no deep layer of electrified, powdery dust. There is a thin layer that sits on a very hard outer shell. That shell vibrated and resonated for hours when the Apollo landed, a fact that NASA did acknowledge and wonder about.

All of this raises a slew of additional questions, issues and anomalies that are simply to vast and complex to be included in this volume. However, the mysteries of the moon will be examined, in total, in a forthcoming book.

CH 13 – Sputnik, the Space Race and UFOs

In 1958, responding to the successful launch of the Soviet space satellite Sputnik, President Dwight Eisenhower signed the National Aeronautics and Space Act. That act officially established NASA, out of a previously existing government agency called NACA, which was focused on military rocketry and aeronautics.

From this it is obvious – and the *space race* concept reinforces this fact – that the history of NASA is very much tied together with the history of the Soviet space program. In fact, the Soviets jumped out into the lead in 1958, prompting America to change its priorities and reorganize its space research efforts.

The USSR space exploration and rocketry programs were launched in the 1930s and lasted until the dissolution of the Soviet Union in 1991. Over its sixty-year history, this primarily classified military program was responsible for a number of pioneering accomplishments in space flight. These included:

the first intercontinental ballistic missile (1957); first satellite (Sputnik-1) first animal in space (the dog Laika on Sputnik 2); first human in space and Earth orbit (cosmonaut Yuri Gagarin on Vostok 1); first woman in space and Earth orbit (cosmonaut Valentina Tereshkova on Vostok 6); first spacewalk (cosmonaut Alexey Leonov on Voskhod 2); first Moon impact (Luna 2); first image of the far side of the moon (Luna 3) and unmanned lunar soft landing (Luna 9); first space rover, first space station, and first interplanetary probe.

To say that the Soviets jumped out in the early lead is an understatement. However, their early history of developing space technology, experimentation and exploration was also fraught with difficulties, frustrations and failures.

The initial lunar missions, begun in 1958 by both countries, consisted of one failure after another. The public has long since forgotten that both the American and Soviet space agencies were batting near 0 in terms of lunar mission successes until 1966. That was when the Soviet Lunar 9 made the first soft landing on Feb. 9; then the US Surveyor also touched down safely on the lunar surface 5 months later in June.

Though the mistaken neutral point, analyzed in the previous chapter, was not the sole cause of these failures it was a cause of many of them. There were also launch and orbital failures. Now, we have to examine several of the enigmas of the Soviet program to get a feel for the almost forgotten era.

It is very clear that their scientists and engineers were top notch and their accomplishments make that assertion undeniable. They jumped out into the lead by putting an unmanned probe on the lunar surface first; followed that by putting the first manmade satellite in orbit around the moon; then the Lunar 12 orbiter took photos of the surface and in Dec. 1966, the Lunar 13 Lander filmed TV footage and made lunar soil measurements.

All those home runs came in on year. At that point it would have seemed that the Soviets were primed to beat NASA in the race to land men on the moon.

So it is odd to find that they suffered through a string of massive failures from 1967–1969, eleven out of 13 of the Soviet lunar missions failed during this period. Keep in mind that this was the middle and toward the end of the alleged Space Race.

Unlike the US space agency, its Soviet counterpart did not make any pretense about having a purely civilian mandate or being open and transparent. Until 1991 and beyond, little was known outside the

Soviet Union about the manned lunar program. That mission had been developed by the former Soviet Union to counter America's Apollo program.

Standard operating Soviet procedure was to keep space projects secret until they were successful. If they failed they did so in silence. They also published whatever results they wanted to disclose to the public, when they wanted to disclose them…which might be never. (We saw that NASA also had that latter policy, though they deny it.)

Now another odd mystery of the Soviet program is the fact that on Oct. 18, 1967, Venera 4 became the first probe to transmit information back while entering the atmosphere of Venus. So while their lunar missions, which were much simpler, crashed and burned repeatedly -- they managed to get a probe into the more distant and more hostile planet of Venus. NASA *never* succeeded in doing that.

From there, the Soviets built on that success. Venera 7 made a soft landing and sent back data on Dec. 15, 1970, the first spacecraft to do so. It transmitted information for 23 minutes on the surface before succumbing to intense heat and pressure. Five years later, Venera 9 was the first probe to send back a picture from the surface.

In fact the only photos of Venus, and the ones that NASA uses even today, are those taken by Venera 9. The American space agency never made a successful landing on Venus, though one probe accidentally plummeted toward the surface and crashed.

So who won the so-called Space Race? It is really a matter of perspective and who is defining what the race consisted of. If landing men on the moon was the goal of the race, then clearly America did. But if we defined it on much broader terms, the winner would be open to debate.

Another mystery worth noting; while they were having smashing success with their Venera missions the Soviets launched at least seven missions to Mars during the 1960's. They all failed miserably. The vehicles were either destroyed during launch, were unable to leave Earth orbit, or suffered catastrophic malfunctions en route.

On the other hand, NASA's Mariner probes were a success throughout that period.

The dismal Soviet record regarding their lunar missions and goals hardly tallies with their earlier crushing homeruns in terms of both lunar and Venus probes. The author cannot help but wonder if this paradoxical situation has to do with the mysterious nature of the moon described in the last chapter…

In the previous volume of this series, the author included a section on NASA and US astronaut´s. It gave clear evidence that the astronaut´s had had UFO sightings, and that some of them were quite willing to express their views about extraterrestrial´s to the public.

Now, the fact that many of the astronaut´s reported sightings -- and were quite open about their experiences and perceptions -- put NASA in an uncomfortable position. On the one hand, they did not want to give any open support or encouragement; but on the other they could not flatly repudiate them because the astronauts were the space agency´s heroes.

Facing this dilemma NASA took the middle road by simply not addressing the issue head on in public. The cosmonauts likewise had their UFO/alien encounter experiences.

But he Soviet space program was hidden behind the so-called Iron Curtain. The only information that got out about their operations was that which the agency heads were willing to release. As noted already, that consisted only of press releases of their successes, never their failures or anything about UFO, especially prior to the early 1980s and Glasnost.

So really nothing regarding their cosmonauts and UFO sightings was published until after the collapse of the USSR. Once the files were released western ufologists found some amazing reports.

For example, in April of 1979, Cosmonaut Victor Afanasyev lifted off from *Star City* – (the Soviet equivalent of Cape Canaveral) to dock

with the Soviet Solyut 6 space station. While en route, something strange happened; he reported an unidentified object turning toward his craft, then he said it was tailing his Solyut.

The cosmonaut reported, "*It followed us during half of our orbit. We observed it on the light side, and when we entered the shadow side, it disappeared completely. It was an engineering structure, made from some type of metal, approximately 40 meters long with inner hulls. The object was narrow here and wider here, and inside there were openings. Some places had projections like small wings. The object stayed very close to us. We photographed it, and our photos showed it to be 23 to 28 meters away*."

In fact, US astronauts also reported similar sightings and events and not just back in the early days. Those reports are similar to the foregoing cosmonaut statement of UFO observation.

In addition to photographing the UFO, Afanasyev reported back to Mission Control (live) about the craft's size, shape and position. When the cosmonaut returned to earth he was debriefed and told never to reveal what he had experienced. Neither his cameras nor his film ever saw the light of day again. (That too has happened in the US when the government took possession of astronaut Godon Cooper's UFO photos, and never returned them.)

The truth be known, NASA has routinely concealed UFO evidence though the agency heads use a more ´hide the truth in plain sight´ approach. Official video footage of UFOs exists in the NASA archives…you just have to know where to look for it.

Now, here we need to refer back to an enigma that the author has raised. We just saw how the Soviet space agency handled the UFO issue; they kept it secret like everything else under their control. They did not have to deny it publicly because that information never reached the Soviet media, which would never have thought to test the policy of secrecy.

It was kept *top secret in a military context*…period, end of story. No way would a cosmonaut, a member of the military, dare breach his security oath in the closed-loop environment of the Soviet space program.

But then the dissolution of the USSR changed everything. The undisclosed UFO files were pulled out and published.

Well, not quite, at least not where NASA, the US government and their clandestine involvement with the USSR are concerned. In those arenas the status quo, begun as far back as 1990s, and strongly reinforced in 1972 and thereafter until the Ukraine crisis – remained in force (NASA broke off relations with Russian Space Agency, Roskosmos during this crisis.)

We must keep in mind that the US and USSR began joint space programs as far back as the early 1970s As the author has noted previously, in retrospect it is a very strange fact of the Cold War that needs serious, deep scrutiny.

We must wonder why the two countries, at each other's throats politically and diplomatically, decided to cooperate in space? Moreover, how did they achieve in that very hostile geopolitical environment? What was really behind this cooperation? Is not strange that NASA dropped the lunar base mission after landing on the moon and the Soviets also cancelled their lunar program shortly thereafter?

Remember, Kennedy reached out to the Soviets requesting cooperation in space research as early as 1963. The author maintains that this is a dead giveaway that the US government was already hiding something from the American people regarding space research and what they knew or suspected.

The case is easy to make because his action flies-in-the-face of the Cold War and the then recent Cuban Missile crisis as well. How could the president be thinking of a joint space venture at nearly the same time he was also thinking about launching nuclear missiles?

Meanwhile the front page news in the US and USSR was screaming Cold War headlines and nuclear annihilation…

If you are wondering if the author is seriously implying that -- the US and USSR cooperated and collaborated in space research with the understanding that the truth about UFOs and extraterrestrials was not to be disclosed -- the answer is yes he is... absolutely!

But we digress now let us return to the experiences and observations of cosmonauts and Soviet military officials regarding UFO encounters.

During his lecture at the International UFO Congress in Laughlin/NV on March 6, 2002, Michael Hesemann presented filmed interviews with four Soviet Cosmonauts and four high-ranking Soviet Generals. After he receiving numerous requests for English transcripts, he published the translation of their statements. The following examples are provided.

COSMONAUT GENERAL PAVEL ROMANOWICH POPOVICH
Soviet Air Force

I had only one personal encounter with something Unknown, something we could not explain. It was in 1978, when we flew from Washington to Moscow. We flew in an altitude of 30.600 feet.

Suddenly, when I looked through the windshield I noticed something flying about 4500 feet above us on a parallel course - a glowing white equilateral triangle, resembling a sail. Since our speed was

600 mph, the triangle must have had a speed of at least 900 mph, since it overtook us.

I called the attention of all passengers and crew-members on it. We tried to find out what it was, but all attempts to identify it as something known ultimately failed. This object looked like a *UFO* and it remained unidentified. It did not look like an airplane, since it *was a perfect triangle*.

No airplane at that time had such a shape

MAJOR GENERAL VASILY ALEXEYEV
Russian Air Force Space Communications Center Moscow

After noting that the first reaction to reported UFO observations was to dismiss them, the major goes on to make the following statement.

"…Later the question no longer seemed so fantastic and began to be examined at the level not only of the Defense Ministry, but of other government departments as well. This interest specifically expressed itself in certain experts being sent to investigate, especially to those places where UFOs, let's call them that, appeared quite frequently.

I know a whole number of military bases in that category. As a rule they are objects of strategic significance, rocket complexes, scientific test establishments, in other words the places where there is a high concentration of advanced science and, to some degree, danger.

Because every nuclear rocket, every new Air force installation represents a breakthrough both in science and in military terms; it is first and foremost a peak, the summit of human achievement. And that is where UFOs appeared fairly often.

Moreover, individual officers and commanders on the spot who knew about the phenomenon and had no official instructions on the matter, acted on their own initiative to investigate UFOs, recording data, and

so on. I know that in some places they even learned to create a situation which would deliberately provoke the appearance of a UFO…

The foregoing statements give insights into what the Soviets were experiencing, but never reporting, which we can readily see matches the experience of US astronauts, military pilots and personnel.

Now we move on to several specific incidents.

Boris Sokolov, a retired Russian colonel from a distinguished military family, conducted an unprecedented study of UFOs in the Soviet Union during the 1980s. "For 10 years," Sokolov says, "the entire Soviet Union became one gigantic UFO listening post."

Sokolov set up 30 radar stations to track UFOs in and around the USSR air space. On October 5, 1983 he received an urgent order from his commander. He was told to leave immediately for an ICBM base in the Ukraine.

What caused the alert?

According to the Colonel a report from the base commander to the Chief of the General Staff that claimed on the previous day -- from 4 until 8 that evening -- a UFO had been observed near the base. During that time, the lights had lit up on the base control panel - the launch codes for the ICBMs had, mysteriously, been enabled.

A chilling scenario fortunately the launch was aborted and the UFO team was dispatched in a timely manner. A similar case occurred at an American base in Montana. This is one of the more controversial cases in the annals of UFO history.

In central Montana, in March of 1967, Strategic Air Command Missile Combat Officers Captain Eric Carlson and First Lieutenant Walt Figel, of the Echo-Flight Missile Combat Crew, were below ground in the E-Flight Launch Control Center between Winfred and Hilger, fifteen miles north of Lewistown.

Missile maintenance crews and security teams had camped out at two of the launch facilities, having performed work there the previous day and then stayed overnight. During the early morning hours, more

than one report came in from security patrols and maintenance crews that they had seen UFOs.

A UFO was, in fact, reported directly above one of the E-Flight silos. At least one security policeman, it later turned out, was so affected by this encounter that he never again returned to missile security duty. Around 8:30 a.m., Deputy Crew Commander Figel was briefing Carlson, the Crew Commander, on the “flight status” when the alarm horn sounded.

One of the Minuteman missiles they supervised had strangely gone off alert—it became inoperable… Figel immediately called the missile site.

When Figel spoke with the on-site security guard he stated that a UFO had been hovering over the site. Figel recalled thinking the guard “must have been drinking something.”

However, incredibly, now other missiles started to go off alert in rapid succession. Within seconds, the entire flight of ten ICBMs was down. All of the missiles reported a No-Go condition. One by one, across the board, each missile had become inoperable.

When the fail-safe checklist procedure had been completed for each missile site, it was discovered that each of the missiles had gone to *off alert* status due to a guidance and control system fault. Power had not been lost to the sites; the missiles simply were not operational due to some unexplainable cause

This brief account does not rally convey the drama and emotion that gripped the base that night. The following exchange that took place between a security guard and base command captures the tension and fear quite well.

Guard: "A UFO! It's just sitting there. We're all just looking at it. What do you want us to do?"

Command” "What? What does it look like?"

"Guard” I can't really describe it. It's glowing red. What are we supposed to do?"

Command: "Make sure the site is secure and I'll phone the Command Post."

Guard "Sir, I have to go now, one of the guys just got injured."

The later events that took place at the Soviet missile base were the flip side of what happened at the Malmstrom base. We should take these incidents with the utmost seriousness.

Sokolov also related that "We had 40 cases where our pilots encountered UFOs. Initially, they were commanded to chase then shoot at any UFO.

However, when our pilots would engage, the UFO would speed up. The pilot would give chase, lose control and crash." That happened three times. Twice, the pilots died. After that," Sokolov said, "the pilots received another order: When they see a UFO they should change course - and get out."

The exact same scenario occurred to Air Force pilot Charles Mandell who reported and pursued a UFO, in Jan. of 1947, only to end up crashing his jet and dying. That incident is on record.

At this juncture it would behoove us to venture into the dangerous and often deceptive world of geopolitics once again. As the author has noted a few times now, there is much that does not pass the smell test regarding the official versions of the Cold War. That includes the characterizations made by the governments and the press on both sides.

We wondered why Kennedy would extend an invitation to Krushchev to conduct joint space research with the Cuban missile crisis in the background. We have examined the fact that NASA has lied about the results of its lunar investigations.

We have asked why both NASA and the Soviets abandoned their promises to establish a lunar base. There are so many serious questions and so few credible, official answers. But among the benefits of the Soviet collapse are the subsequent disclosures made by top USSR officials and scientists.

Among the disclosers to come forward with some shocking revelations is Rimi Avramenko. He was the chief scientist and designer of the Soviet version of SDI or Star Wars as it is popularly known. Avramenko had a top security clearance and he was privy to his nation's most closely held secrets.

In an article focused on a Soviet proposal published in 1993 titled, "Russian SDI Proposal Points to LaRouche" we find the following quote:

"Characteristic is the comment of the chief scientific designer of the project, Academician Rimili Avramenko: "This way, the military technology achievements of the two countries will be able to be employed for the common benefit, not of them alone…" EIR International , April 16, 1993 Paul Gallagher

But that is not our chief concern here. Having established his credentials we now jump to several startling statements he later made during an interview.

When asked if he thought the UFO phenomenon was real, he replied "My colleagues and I don't even think that's a question. Of course they are real!"

As is the case with the late Col Gregory Corso, the soviet scientist claimed that there had been contact between aliens and humans. In fact, he stated that it led to the development both Star Wars and the ultimate weapon, the plasma beam. He used that information while designing the Soviet version of SDI referred to in the above quoted article.

Here we are seeing some very disturbing parallels between the US and Soviet histories involving UFOs and extraterrestrials. Dr. Avramenko also confirmed for us that the Russians knew UFOs were from somewhere else as early as 1959. The Americans knew that too, he said, because both sides had the same type of satellite defense warning systems.

Note the date and its proximity to the formation of NASA and the US-USSR space race to the moon. Everything begins to change

radically after 1960 and then Kennedy wants to work with the Soviets in space research. Then it all goes awry after the Apollo landing; and neither country launches any more manned missions into outer space, let alone the moon.

Is that all really just a massive series of fortuitous coincidences?

While still overtly in the Cold War, both nations agreed to cooperate in space research in the early ‘70s. Once again, coincidentally both decided to focus on robot probes and the rather pedestrian Challenger/Soyuz earth orbit missions.

It calls to mind the assertion that the Apollo crew observed UFOs and were warned off. That still may be the real reason -- the author will present others in future volume of this series -- that the last manned mission to the moon took place 46 years ago. That is a very long time in this fast moving, high tech era of space research.

In fact, prior to the Salyut 7 incident the cosmonaut aborad the Salyut 6 also reported spotting a UFO:

Summary: Cosmonaut Major General Vladimir Kovalyonok, had an encounter during the Saljut VI Mission in 1981.

"I just made some gymnastic exercises, when I saw in front of me, through a porthole, an object which I could not explain... I saw this object and then something happened I could not explain; something impossible according to the laws of Physics…

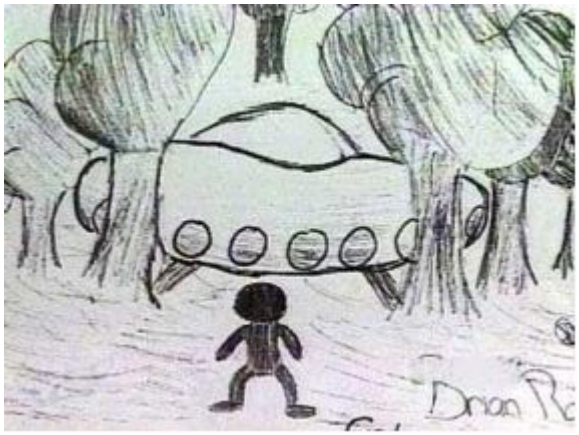
The object had this shape, elliptical, and flew with us. From a frontal view it looked like it would rotate in flight direction.

It only flew straight, but then a kind of explosion happened, very beautiful to watch, of golden light. This was the first part. Then, one or two seconds later, a second explosion followed somewhere else and two spheres appeared, golden and very beautiful.

After this explosion I just saw white smoke, then a cloud-like sphere. Before we entered the darkness, we flew through the terminator, the twilight zone between day and night. We flew eastwards, and when we entered the darkness of the Earth shadow, I could not see them any longer, the two spheres never returned…”

The truth is out there and our astronauts and cosmonauts have been witnessed to a part of that great mystery, which few humans have ever experienced. If we do not accept the testimonies of our most highly trained pilots and military men, then we are obviously in trouble as a civilization.

CH 14 - The Ariel School Encounter



Drawing of UFO sketched by one of the witnesses

On September, 16, 1994 the most fascinating close encounter in the modern UFO era took place in Zimbabwe, Africa. At 10:15, a large group of children (62) from Ariel School, a private primary school in Ruwa were playing outside during the mid-morning recess.

Suddenly, they noticed three silver balls in the sky over the school. The spheres quickly vanished with a flash of light and then reappeared at another position in the sky. The children watched with mounting curiosity. The phenomenon happened three times. Then the silvery orbs began descending to Earth, moving down over the school grounds in short order.

The children were, of course, startled when one of them was soon hovering over a patch of rough ground comprised of trees, thorn bushes and bamboo shoots poking up above the surface like stakes. It was an off limits area that the children were not allowed to venture into because of snakes, poisonous spiders and other vermin that could be lurking in it.

At this point you may be wondering where the teachers -- who should have been supervising the kids -- were as these events unfolded? It just so happened that the staff and administrators were holding a conference.

One adult, the mother of one child, was outside manning a snack kiosk but not really supervising the children. Of course the adults heard the kids yelling but they shrugged it off since they always laughed, fussed, screamed and yelled during recess.

The UFO followed along a telephone line prior to landing and/or hovering. When interviewed, the children agreed that an object came down in the area about a football field (100 meters) from where they were playing at the edge of the school field. Then a small man about 3' tall (1 meter) appeared on top of the UFO.

According to the kids, he walked a short distance over the rough ground, became aware of the children and disappeared. He, or someone very like him, then reappeared at the rear of the object.

The UFO then departed very rapidly and soon disappeared. They agreed that the little man was dressed in a tight-fitting black suit which one girl said was 'shiny'. All agreed that he had a long, scrawny neck and huge eyes like 'rugby balls' as one boy put it. In addition, they said his face was very pale and he had long black hair which fell below his shoulders.

The children ranged in ages from 5 to 12, the younger ones were frightened by the event and they cried for help. According to some African tribal lore there are demons (tokoloshis) that come and snatch little children to eat them; they believed that the little man was

a tokoloshis. Some of them ran to the kiosk operator, but she did not want to leave the shop unattended and did not follow them to the scene.

Because this event occurred in Africa it may be assumed that the older children --who also knew about the tokoloshis-- made this story up to frighten the younger ones. However, the racial composition of the school was varied and not all the students knew about the mythical child-eaters.

Psychiatrist and UFO contact-case researcher John Mack and his assistant, Dominique Callimanopulos were in Africa at the time. They went to Ruwa and interviewed twelve of the children over a two day period. The investigators found that when asked the kids described, "The same event with a steady consistency of detail."

When asked to describe the two "strange beings," they replied that the one sitting on one of the spaceships and the other running back and forth in the grass and the latter was, "bouncing as if he were on the moon, but not quite so much."

They told the investigators that the event lasted about fifteen minutes. The children reported being as curious as they were frightened. All agreed that the eyes of the alien, in particular, commanded their attention.

One of the older girls reported that she thought the beings wanted to tell us (humans) something about our future, concerning how "*the world is going to end, maybe because we don't look after our planet or the air*."

She told Mack that she felt horrible inside when she returned home that day. "*Like all the trees will go down and there will be no air. People will be dying. Those thoughts came from the man - the man's eyes*."

1979 - The Taylor Abduction In Dechmont Woods, Scotland

On Nov 9, 1979 Robert Taylor, a 61-year old forester was in the Dechmont woods located in Livingston, West Lothian, Scotland where he had worked all his adult life. He and his red setter rounded a corner on a forest trail and saw an object hovering just above the forest floor. The craft sat motionless making no discernable sound.

The UFO was a dark gray color, and he described the texture as being like emery board: small brighter highlighted areas against a darker background. The appearance of the exterior seemed to change from time to time.

Taylor thought that the UFO was attempting to camouflage itself. He estimated its size as 18-20 feet around, and about 12 feet high. It looked to be mounted on a ring, making the object look like a hat with a brim. He further noted stems topped by propellers protruded from the craft. Nothing at the time moved on the object.

As he stood transfixed, without warning, two small spheres jetted at him. They were like microcosms of the large craft. Each was making a sound as it moved toward him; then spikes on their exterior made ground contact. The objects stopped by his side and attached themselves to his trousers. They began to drag him back to the UFO.

At this point Taylor began to feel nauseated due to an extremely strong smell which caused him to gasp for air. After that, he passed out.

When he regained consciousness, the UFO was gone; but his red setter was still with him. The dog was running around the forest barking wildly. He tried to yell at his dog to stop but found he had no voice. Then he tried to get up but found he could not stand either. Eventually, he crawled back the way he had come for about 300 feet.

In time, he was able to stand up and walk back to his pick-up. He attempted to contact the forestry headquarters with his two-way radio, but found his voice was still not back.

Taylor tried to get home as quickly as possible, but his truck got bogged down in the mud. Frustrated, he decided to walk back to his house, approximately a mile distance, and finally arrived at 11:15 AM. His entire experience had lasted just over an hour. By the time he reached his house his voice had returned.

He had developed a headache and a great thirst by the time he came to his home. It took two days for his thirst to abate; he could still smell remnants of the foul odor that seem to come from the small spheres. During this post encounter period he still felt quite ill.

When he returned from the forest his wife was stunned to see his condition. He was covered with mud, and his pants were torn. He began to tell her the story of his experience. His wife wanted to call the police, but Taylor was against it, considering the subject of the matter. He did allow her to call his job supervisor, and the head of the forestry department, Malcolm Drummond.

He took a bath while she made the calls. Drummond called a physician, and drove straight to Taylor's house. He was so anxious to find out what happened that he questioned him while he was still in the bathtub.

Taylor and Drummond agreed that there must be some kind of physical evidence left on the ground by either the craft or the small spheres, and Drummond headed to the area to check it out, but he was unable to find the exact location.

Dr. Gordon Adams arrived and began to check out Taylor's condition. He found a grazed area on Taylor's left leg, and another graze under his chin. There were no apparent head injuries.

At this time, anyway, Taylor's body temperature, blood pressure, and other body functions seemed normal. Adam’s called in for an ambulance to transport Taylor to the hospital for a head X-ray and an interview with a counselor. Taylor refused to make the hospital visit until later.

After Drummond came back to Taylor's house, the two men set out to return to the scene of the UFO, and attack of the small spheres. They found the ground markings, and called the police. Shortly thereafter, Taylor, accompanied by his wife, went to the hospital for the X-ray, but he was kept waiting so long, he decided to leave unattended. He was anxious to make a planned trip to see relatives on the weekend.

Soon, the press heard about the encounter in the woods, and by Sunday, it was known all over the United Kingdom. News of the event was also broadcast all over the world within a week. The story would be the subject of television documentaries, magazines, and books. The company that Taylor worked for even erected a plaque at the site, commemorating the event. But it was later stolen.

The local police department had no experience in dealing with UFO cases. Because of this, at least they never discounted Taylor's description of the incident. They did take testimony from Taylor, his wife, and Dr. Adams.

Because an assault was involved, the police were required to send his clothing of that day for forensic examination. A cursory overview showed that both of his pant legs were torn at the hip area. Also found by the exam were traces of a powder.

This powder turned out to be nothing more than a maize starch which was transferred to the trousers by the bag they were sent in. The police also checked for any flights that might have occurred that day of planes, helicopters, or any other equipment that might have been in the area. Nothing was found, and none of the forestry equipment matched the marks found at the scene.

There were two types of ground markings found at the scene. The first marks were two parallel ladder-like tracks, each about 2.5 meters long, and the same distance apart. There were also 40 holes around the tracks. They were 10 centimeters across.

To cut to the chase, there was ample physical evidence to prove that "something" had been on the spot that Taylor indicated. He was known by many people in the area, and they all viewed him as honest and responsible.

There is nothing to indicate that he would create a hoax of this nature. Taylor did have a history of several illnesses, and surgeries, but there was nothing in his medical history that would indicate he had any type of head injury or psychosis.

There would also be a timeline done by an investigator to determine the length of time that Taylor was unconscious. This accounting indicated that he was probably out of it for about twenty minutes, give or take. If we take Taylor's account as is, he was abducted by something "other-worldly" on November 9, 1979 for about twenty minutes. There has been no evidence presented to discount his story.

Conclusion: The Ariel school case shows how a group of children reacted to the presence of a UF0 and to its alien occupants. They took the incident seriously and their reports agreed on the general sequence of events. This was an authentic close encounter. The second case demonstrates that ordinary people are the usual subjects of close encounters, people who seldom if ever had seriously thought about UFOs prior to their encounters.

CH 15 - High Strangeness in Finland

This case illustrates the fact that there is a very surreal and difficult to comprehend and accept side to a portion of the UFO contactee cases. However, they happen and some are pretty well documented as is this one.

The time was 4.45 pm on Wednesday 7 January 1970; the place was Imjarvi, 15 km NW of Heinola in southern Finland. A logger, Aarno Heinonen, 36, and farmer Esko Viljo, 38 -- both competitive x-country skiers -- were out practicing their sport.

They glided down a small hill to a level area; a place where they usually paused to catch their breath. Finland is so far north that the sun was already vanishing below the horizon; twilight was settling in and a few stars were visible in a clear, unclouded sky. It was very cold, a bone chilling (-17 Celsius) and the night was still.

They had been resting and chatting for about 5 minutes when both heard a buzzing sound. Then they noticed a very bright, intense light moving across the sky. It approached from the north, made a wide circling sweep, and then came toward them from the south, descending as it neared.

The faint buzzing sound grew louder as it approached. The light suddenly seemed to stop; at that point they could see a luminous red-grey mist swirling round it. Puffs of smoke were billowing from the top of the mist.

The two men stood transfixed by the sight neither uttering a sound. The cloud was soon down as low as 15 m, (47') and they could see what was inside it: a round object, flat at the bottom, metallic in appearance and about 3 m (10') in diameter.

Heinonen's account, as reported by GICOFF (the Goteborg UFO Information Centre) includes the following description:

'"The round craft hovered awhile completely motionless above us while the buzzing sound could still be heard, quite low. Then the huge disc began to descend along with the red-grey fog which became thinner and transparent it stopped at a height of 3-4 m, so near I could have touched it if 1 had reached with my ski-stick."

[Hovering is one of the most common features of nearly all reports no matter what part of the globe they come from or what era the account took place in.]

"The craft was completely round. When it came down obliquely towards us we saw it had a dome on the upper side. Along the lower edge was a kind of raised part on which were three spheres or domes spaced equidistantly, From the center of the bottom projected a tube, approximately 25 cm in diameter, from which suddenly there came an intense beam of light."

[The UFO was the typical disk-shaped variety so often described. The projection from the bottom raises the possibility that this too happened in the Walton case but he did not see it.]

Heinonen: "*I don't think we said anything to each other at all. We were completely amazed. We saw the light move a couple of times before stopping and intensely illuminating a patch of snow about a*

meter in diameter, with round it a dark edge, almost coal-black and 1 cm wide.

I was standing completely still. Suddenly I felt as if somebody had seized my waist from behind and pulled me backwards. I think I took a step backwards, and in the same second I caught sight of the creature. It was standing in the middle of the light beam with a black box in its hands. Out of a round opening in the box there came a yellow light, pulsating. The creature was about 90 cm tall, with very thin arms and legs.

Its face was pale like wax. I didn't notice the eyes, but the nose was very strange, it was a hook rather than a nose. The ears were very small and narrowed towards the head. The creature wore some kind of overall in a light green material. On its feet were boots of a darker green color, which stretched above the knees. There were also white gauntlets going up to the elbows, and the fingers were bent like claws around the black box."

[UFO occupants are often described as being very thin and very pale.]

Viljo: "*The creature stood in the middle of the bright light and was luminous like phosphorus, but its face was very pale. Its shoulders were very thin and slanting, with thin arms like a child's. I did not think of the clothes, only noticing that they were greenish in color. On its head was a conical helmet shining like metal. The creature was less than 1 m tall*."

[This particular 'alien' does not fit the humanoid category very well; though it apparently had some of the features.]

"Suddenly it turned and directed the opening of the box towards Heinonen: The pulsating light was very bright, almost blinding. It was very silent in the forest. Suddenly a red-grey mist floated down from the object and large sparks started to fly from the illuminated circle of snow. The sparks were like tapers, about 10 cm long, red, green and

violet. They floated out in long curves, rather slowly; many of them hit me, but though I expected them to burn me, I did not feel anything."

Viljo: *"The sparks were shining in several colors. It was very beautiful. At the same time the red mist became thicker and hid the creature. Suddenly it was so dense that I could not see Aarno even though I knew he was standing only a few meters away from me*."

Heinonen: *"I could only just see Esko. The mist was very thick and I could no longer see the creature."*

Viljo: "*I saw the being for perhaps 15-20 seconds, no longer. Suddenly the beam melted, flew up like a flickering flame, and was sucked into the gap in the craft. After that it was as if the fog curtain was torn to pieces. The air above us was empty! I don't think you can say we were afraid. We were laughing and talking about this light. But at the same time we felt a little uneasy."*

The pair lingered there for about three minutes. Gradually Heinonen became aware of numbness in his right side. When he stepped forward on his skis, his right leg wouldn't support him and he fell down in the snow. "*My right leg had been nearest the light. The whole leg was stiff and aching. My foot was as if anaesthetized*."

Viljo: "*It was growing dark. I asked Aarno if we should be on our way. I thought he was joking when he sat down in the snow. But then I saw he couldn't get up though he tried over and over again*."

It became quickly apparent that they were in some trouble as darkness was closing in and the nighttime would bring bitter, subzero cold. They had to get out and do it soon.

Viljo had to half-carry, half-drag his friend to his home, some 3 km (2 miles) distant. Heinonens mother recalled the event: "*When they got home it was dark outside. They knocked on the door, which they*

don't usually do. When I opened the door Aarno was outside leaning against Esko. I helped them in. Neither seemed frightened, but I could see Esko's face was red and swollen. We got Aarno over to a sofa."

Heinonen: "*I felt ill. My back was aching and all my joints were painful. My head ached and after a while I had to vomit. When I went to pee the urine was nearly black, it was like pouring black coffee onto the snow. This continued for a couple of months*."

Viljo: "*I hurried to the nearest neighbor, who lived some 600 m away; he has a telephone. The first two doctors I called couldn't come, but Dr. Kajanoja said he would meet us at Heinola clinic in an hour's time. The neighbor drove us there*."

Heinonen complained about his aching joints and his headache to Dr. Kajnoja. The doctor prescribed sleeping pills, and for the following day sedatives; telling him the symptoms would be gone in 10 days. But they continued and Heinonen was unable to work because of them.

In May he reported that he was still ill having pains in his head and neck and any exertion tired him out. The numbness in his right leg had gone by then but he was still experiencing trouble with his balance.

His memory began to slip into a dysfunctional state. It grew so bad that when left home he had to tell his family where he was going so that they could find him if he didn't return.

A visit to the site of the incident made him feel worse. According to Vijo several people that had visited the site, felt sick for days afterwards; he wondered if the place was infected in some way.

Vijo also suffered side-effects from the encounter, including headaches and eye problems. Dr. Pauli Kajanoja's report addressed their maladies: "*I think the men have suffered a great shock. Viljo*

was very red in the face and seemed a little swollen. Both seemed absent-minded. They talked quickly and incoherently. I could not find anything clinically wrong with Heinonen. He did not feel well, but that could have been his stomach reacting to the shock."

"The symptoms he described are like those after being exposed to radioactivity. Unfortunately I had no instrument to measure that. As to the black urine, it seems inexplicable. Possibly it could have been blood in it, but this cannot go on for several months. If blood samples had been taken they might have revealed changes in his blood."

The doctor added: '"*Both men seemed sincere, and I don't think they had made the thing up. I'm sure they were in a state of shock when they came to me; something must have frightened them*."

The event was far from over. In June (1970) the two witnesses revisited the site together with a Swedish journalist, a photographer and an interpreter. The investigators found that their hands suddenly became red and Heinonen had to leave the site quickly due to a powerful headache.

CONFIRMATIONS

On the same day and at the same time -- as the skiers had their UFO encounter -- two other people saw a bright light in the sky. A farmer's wife, Elna Siitari, in Paistjarvi, about 15 km from Imjarvi, was on her way to the barn when she saw a strange light in the direction of Imjarvi. In Paaso, 10 km north of Imjarvi, a boy reported that he had observed a light phenomenon; it was at 4.45 pm that he saw it.

STATEMENTS FROM EXPERTS

Matti Tuuri, professor in electro-physics at Helsinki University, was very interested in the incident she wrote:

“*We can't exclude the possibility that the injuries could have been caused by electrical radiation. But both state that the light was blinding and white, so it can't have been ultraviolet radiation, which is always bluish, Besides, it does not penetrate clothing, if the radiation penetrated Heinonen's clothing, it must have been a short-wave radiation such as X-rays; an overdose of these would cause symptoms such as those he reported*...”

“*There is much in electro-physics which has yet to be explored. One has only to mention ball lightning; we know it exists, but the physical laws defining its existence have yet to be established. According to the known laws of physics, ball lightning should blow up immediately - but it doesn't! The incident at Heinola seems likely to be an abnormal electrical phenomenon*.”

[It is incredible -- to this author -- how glibly and carelessly 'experts' simply dismiss the testimony of people that report encounters with UFOs and aliens. Even though they were not present they know that such a thing could not happen because it does not fit their world-view apparently.]

In spite of those experts’ claims, The Institute for High Voltage Research at (Uppsala University) told GICOFF that they did not think the phenomenon was related to any kind of atmospheric electricity).

Soil, vegetation and snow samples from the site were sent to Chalmers Institute of Technology for radiation tests, but revealed no more than normal background radiation.

POST 1970

To complicate an already difficult situation, we have to consider Heinonen's claim that between the time of the incident and August 1972 he had no less than 23 further UFO sightings.

Add to that fact, he claimed that he had become *a contactee*. (The author loves this part) On two occasions he reported meeting an

“*extremely beautiful”* spacewoman, after a loud female voice had directed him to a secluded rendezvous.

[Actually, Earth women are beautiful and challenging enough, no need for alien women.]

At the first encounter he also saw a man, standing about 60 m behind the woman. She was wearing a yellow trouser-suit which rustled when she moved according to Heinonen; she was about 1.5 m tall, with shoulder-length hair and blue eyes.

She didn't walk like a human but “*floated*” or *“hovered”* over the ground. Though she looked about 20 she told him she was 180. She held a silvery ball with three aerials in her hand, which she pointed at Heinonen.

Fortunately for Heinonen, she spoke Finnish, and began her conversation with "Havana paiva" (= How do you do?); she told him she came from a lush, verdant paradise. Three different species of humanoids had visited Imjarvi, she said, some smaller than her, some of her height (140 cm) and some about 2 m high.

She said that the January incident had lasted 3 minutes, not just a few seconds as the two witnesses thought.

At their second meeting Heinonen again asked where she came from. She told him to hurry home and he would see the beautiful craft she had come in; and indeed when he got home he saw an object some 5-7 m in diameter in the sky.

On each occasion Heinonen spoke with the spacewoman for five minutes, but can recall surprisingly little of what was said. On another occasion both he and Viljo saw a being in Viljo's home: a little alien no more than 1.5 m, wearing a grey suit with white stripes, suddenly stepped out of the wall and remained standing in the middle of the floor; the two men gaped at it for 30 seconds, after which it vanished.

Swedish ufologist Liljegren has drawn attention to the failure of Heinonen and Viljo to offer anything by way of concrete evidence for the additional encounters.

On one occasion Heinonen received a green pen from the space beings, but he lent it to a researcher and never saw it again: he was given a stone but made to throw it away; when he tried to photograph the spacewoman both she and his camera disappeared!

Viljo too tried to take a photograph of a mysterious light, however, the camera was knocked out of his hand and the film was burned to ashes. All in all, Liljegren concluded, their accounts are more like sagas and myths than a logical contact attempt made by an intergalactic civilization.

Without question, these later accounts undermine the credibility of the witnesses and throw a dubious light on their original story. What seems at first to be an interesting and serious incident is made to seem doubtful by subsequent events.

But this is part of the history of alien visitation. It has always been shrouded in controversy and skepticism.

Who they are; exactly how their technology works; and what their purpose is remains elusive and ambiguous.

Recall the initial portion of the Walton case. This one has the same quality of realism when it first occurred. In Walton's situation -- due to his severe injuries -- the abduction account seems dubious. When he healed he was released.

In this case it is difficult to ascertain the reason that Heinonen went on having one experience after another until it seems to turn into an ongoing fantasy with a pretty alien woman and so forth.

Or is there yet a third explanation? Perhaps UFO's trigger events in the human brain and psyche that unwind for years after the contact event..?

Related Case

In February 1969 a 16-year-old boy, Matti Kontulainen, had a strange experience only 100 m or so from the slope where Heinonen and Viljo would have their encounter:

“It was a cloudy winter evening about 11 pm. I was skiing home through the forest after visiting a friend. It was dark but suddenly the forest was lit up by an intense light which rushed just above the treetops at so low an altitude that I threw myself down in the snow. It was like a huge welding flame, and it disappeared in no time. 1 have never seen such an intense light. It was like staring at the sun! It was coming from the south and heading north. I heard no sound, so I'm sure it wasn't an airplane.”

Matti Haapaniemi, 46, is a farmer in Imjarvi and a member of Heinola rural district council; his farm is only 1 km distant from Heinonen's home. He claimed: “*Many people in this neighborhood have laughed at this story. But I don't think it's anything to joke about I've known both Aarno and Esko since they were little boys. Both are quiet, rational fellows, and moreover they are abstainers. I'm sure their story is true*!”

Truth is, indeed, stranger than fiction. Some cases leave the most ardent UFO investigators scratching their heads. Hard to dismiss the symptoms and illnesses they went through after the first incident; equally difficult to accept the space woman encounters.

But who is this author to know what's possible in this infinite universe? After all he is not a debunker and claims no inside knowledge…

Conclusion: This case points up the fact that ordinary, sane people whose solid characters are confirmed by others in their community have UFO encounters. To dismiss their reports out of hand is unwarranted. The skiers had a close encounter with an explained

phenomenon, which caused harmful physiological side effects documented by a physician.

However, it is also points up the fact that there are psychological side-effects that make subsequent experiences ambiguous at best.

CH 16 -The Alien Skulls

Paracas Skull, Parcas Museum display

The Paracas Peninsula is very near Ica, Peru. The area was excavated by the renowned Peruvian archaeologist Julio Tello in the

1920s. He found and excavated a series of tombs as well as the remains of a small underground village in Cerro Colorado.

What he discovered at this site rocks the foundations of orthodox science. It was at this site that Tello encountered dozens of elongated skulls (conically shaped).

This is by no means a first in the fields of archaeology and history. The practice of skull elongation - or intentional head deformation - has been documented in various cultures around the world; most notably the ancient Egyptians practiced it.

Interestingly the Paracas people were experts at mummifying their dead; in the mummies, you can see the peculiar practices of cranial deformation and cranial trepanation, or brain surgery. True mummification is rare among ancient human cultures as only the Egyptians, Canary Island and Paracas people performed it.

It has been established that among cultures that carried out the practice of cranial deformation, an elongated skull was a mark of distinction and superior social status. We must ask a very basic question, where did this strange concept originate?

Who would have thought up the idea that an artificially-shaped human head would confer an exalted social standing over a natural one?

Surely human mothers did not dream up this curious custom. Binding an infant’s skull so as to deform it goes against the maternal grain.

It was a risky procedure with no apparent biological gain to them or to the child. In Egypt we note it was the apparent nobility -- the royal class and the elite priests -- that displayed elongated skulls. But the practice was not a constant during the long history of Egyptian civilization.

The family of Pharaoh Akhenaton and Queen Nefertiti, and their daughters, are the most notable examples; that question and the

issues that it raises pales in comparison to those raised by the Paracas skulls.

In fact, they may prove to be the result of nature and not of artificial head deformation. That possibility is currently under investigation by a genetic laboratory as this is being written.

Artificial skull deformation is typically brought about by binding an infant's skull so that pressure is applied to it during the time-period when it is still soft and pliable enough to be re-shaped.

This type of modification amounts to a simple manipulation of the natural shape.

However, though it may look like the elongated skull has more cranial volume than a naturally-shaped human skull, it does not. A modified skull retains the same volume only it is contained within an altered shape.

If we were to find a true 'cone head' skull it would have to display a larger cranial volume; that would represent a natural one of a different (alien) 'homo sapiens' type species.

The mass of elongated skulls found around the world represent modified human skulls and they are not anomalous.

Orthodox historians, archeologists and anthropologists contend that the majority of the (Paracas) elongated skulls are the result of such modification. However, Tello found about 90 skulls that did actually display a larger cranial volume.

According to the few studies that were made in the 20th century scientists believed these were simply natural human skulls that were deformed due to a genetic disorder, hydrocephaly.

With that simple assumption they were dismissed and put in storage…end of story. But the story did not end there because those investigations were half-hearted, lacking in depth and not truly scientific.

In this case we have the potential “smoking gun” because a bona fide archaeologist discovered the skulls and documented their existence. There is no debating their authenticity.

Next, Tello and others noted that some of the skulls were exceptionally large. This why there was an attempt to explain the reason that they did seem to display a larger cranial capacity, which was observed, noted for the record and cannot be denied or brushed aside.

This makes for a very fascinating case and potentially game-changing situation. Last century investigators lacked forensic DNA analysis. We have that now and it is indispensable in getting to the truth. Here we may actually be able to put our hands on the skulls of the members of our proposed Genesis Race, the Elohim or what have you.

Attributing the altered shape of the anomalous skulls to failures in human genetics is doubtful as we shall see. Since the academic community abandoned Tello’s site and his skulls independent researchers eventually picked up the baton.

Display showing variety of shapes and sizes, Lima Museum

Brien Forester is chief among them and he writes:

“The greatest of Peruvian archaeologists, in my estimation, Julio Tello, made studies in this area in 1928 and performed excavations on the north side of the peninsula, in the central area of the large semi-circular bay there. He discovered and excavated a massive

and elaborate graveyard, where each tomb contained an entire family, each one ornately wrapped in multiple layers of highly stylized, woven and colored cotton cloth.

He also found the sand filled remains of subterranean houses, which turned out to be numerous; so numerous in fact,that the village stretched out for between 1 and 2 km.

But, the most amazing finds were the skulls, some enormously elongated. The scientific name for this is dolichocephalism. Most skulls exhibiting this condition were clearly the result of the practice of head-binding. And so how was this achieved?

A very young child's skull is pliant at birth, and remains in this way for months. It is therefore possible, by lashing a rope around the head, with a board placed at the back of the skull, and perhaps the front as well, to alter the shape of the head over time.

Many authors state that the time period to perform this shaping was about 6 months to 3 years, but since the practice is no longer performed to my knowledge, no one really knows.

Examples of this technique, supposedly last performed on infants in the Congo of Africa and the Island of Vanuatu in the south Pacific Ocean area known as Melanesia, well into the 20th century, have also been found in Egypt, during the Amarna period, Sudan, Iraq, Syria, Russia, the island of Malta, as well as many places in Peru and Bolivia, and amongst the Olmecs of Mexico.

What you are capable of doing via this technique is to change the shape of the skull, but not the actual volume; you can alter the shape, but not the size. However, Tello found several skulls, at least 90 at the site called Cerro Colorado adjacent to the main graveyard in Paracas, which had cranial volume larger, and in some cases 2.5 times larger than a conventional modern human skull. How is this possible? As I have said, deformation can alter shape, but not the volume of bone material, and certainly not twice as much...."

Paracs Skulls and models, Paracas Museum

Forester is currently working at the Paracas museum that houses some of the skulls, as a caretaker. This has allowed him ample time and opportunity to carefully analyze these anomalous skulls. In fact, he submitted them to the lab mentioned above and he is awaiting the results.

The following quote is taken from the website of the Paracas museum:

“In 1925, Peruvian archeologist Julio C. Tello unearthed the first remains of the Paracas civilization. Their splendid fabrics witnessing to a rich magical vision of this civilization's social life were woven in cotton, the wool of South American ruminants or a mix of both, and decorated with brightly colored embroideries in woolen thread.

One of the most frequent characters is depicted as a line drawing of bird-and feline-like human beings holding a scepter, severed heads,arrows, plants and various emblems. It is variously represented in standing and flying position, looking straight ahead or to the side.

The oldest Paracas human remains date back to at least 5000 years BC, attesting to impressively continuous human habitation in an oasis and desert environment that seems to have changed little in thousands of years. Around approximately 400 BC the peninsula started to look like a gigantic cemetery.

Generation after generation buried their dead in the desert sand, thus turning the area into a land of the dead. Tombs were dug deep in the shape of a bottle. A large underground chamber that could

hold 30 to 40 individuals wrapped in fabrics was accessed through a long and narrow well.

This configuration is at the origin of the Paracas Caverns, the name given to this stage of their evolution. Hundreds of these burials were found by Tello in the 1920s, fundamentally in the Cerro Colorado zone, near the present day Paracas-site museum."

As noted above, no one disputes or can refute the authenticity of the elongated skulls found in Paracas, because a bona fide archaeologist discovered and documented them.

Moreover neither is the fact that some Paracas skulls display a larger than normal cranial capacity questioned. The only thing under debate is whether these skulls are the result of hydrolacephy, or are the product of a different (alien) but probably genetically related human lineage.

This issue can be scientifically analyzed and the facts and probabilities determined.

The earliest research that was conducted on the skulls concluded that the elongated heads -- that did not appear to be the outcome of artificial head deformation -- suffered the genetic disorder, *hydrocephaly, as* noted above.

However, this is a highly questionable conclusion because as Foester writes...."*hydrocephaly would tend to make the skull expand evenly, making them more round than elongated*."

In reality there has not been much debate since in this case, the science community simply decided to walk away with an "out of sight, out of mind" attitude not long after Tello concluded his research.

Once the hydrocephaly explanation appeared to resolve the anomaly, the mystery posed by the Paracas skulls was left to be reclaimed by the desert.

Today, the site of Cerro Colorado, the burial place of the priestly and ruling class of Paracas people is off limits. The desert sands have blown back in and filled up the burial chambers and scientists pay no attention to the elongated skulls.

As noted above, little work has been done by archaeologists since Tello's time, but the plundering of the tombs of the nobility of this culture has gone on, ceaselessly, up to this very day.

Of course if any more important artifacts were not discovered by Tello, during his short tenure, they would likely have been found and carried away by grave robbers at this late date.

This attitude, of benign neglect, on the part of historians and archaeologist's must be questioned. Is it not the main mission of science to endeavor to establish the ancient, human reality?

Why then do ‘our 'scholars (ours because we fund them) shrink away when confronted by artifacts that pose problems to their entrenched theories?

It is often left to independent investigators to try and piece together the facts and what they mean, regardless of the consequences to the various ‘virtual realities’ concocted by the status quo.

In that vein, two such researchers, Juan Navarro (and Brien Foerster already mentioned) have found the presence of at least 5 distinct shapes of elongated skulls, each being predominant in specific cemeteries in the Paracas region.

The largest and most striking are from a site called Chongos, near the town of Pisco, north of Paracas. These skulls are the true "cone heads". All who see them agree, they have an actual conical appearance and the term is not used metaphorically.

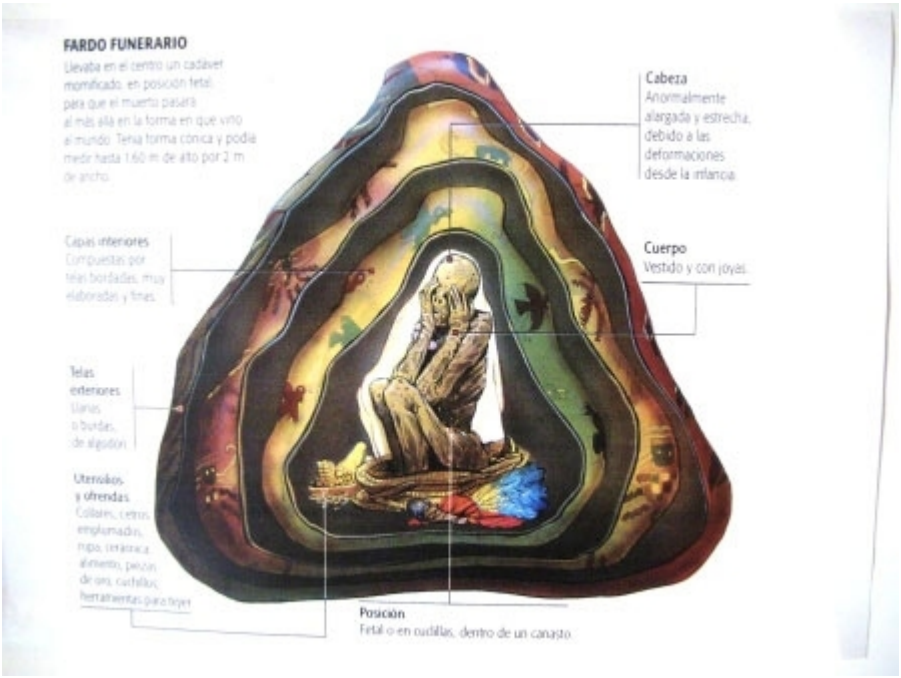
The basic tests and measurements that they have conducted show, on average, the cranial capacity is 1.5 liters, approximately 25% larger than contemporary human skulls, while they weigh as much as 60 percent more.

In addition, the orbital eye cavities are significantly larger than contemporary skulls; the jaws are both larger and thicker.

Moreover, they have noted the presence of two small holes in the back of the Chongos skulls, called foramen, which indicate that blood flow and perhaps nerves exited in the skull at the back in order to feed the skin tissue.

This would seem to indicate that nature did this, and not the practice of artificial cranial deformation.

Finally recent work, 2005-'06 into the Parcas, conducted *by Ann H. Peters, Visiting Scholar, Latin American Studies Program, Cornell University* into the work that Tello conducted at the Paracas sites is both educational and revealing.



Cut-away Drawing of Paracas Tomb

"…They discovered a complex sequence of habitation, ceremonies and cemeteries, including the famous bottle-shaped tombs they called the "Paracas Cavernas" and a steep slope crowded with conical funerary bundles that they called

the "Paracas Necropolis." Finely woven, brilliantly embroidered textiles spilled out into the light of day. From the beginning, Tello suspected their antiquity might be as much as 2,000 years – and radiocarbon dating later proved him right.

Example of finely woven Paracas textile

For their day, the excavations were carefully executed and quite well recorded. The inventoried materials were carefully packed in straw and wrapped in jute sacking for the bumpy truck ride back to Lima.

Once located in a warehouse in the capitol city, Tello's team worked quickly to open some of the largest and best-preserved bundles to select materials that the

Peruvian government intended to send to the 1929 International Exposition in Spain. All unwrapped materials were described and inventoried in "dissection protocols" according to Tello's methods and procedures."

But the '29 stock market crash and Spanish Civil War led to many of these materials remaining in Spain, even to this day. Within the following year, Tello was replaced as director of the National Museum.

Urgent salvage and research at other important sites claimed his attention. In the late 1930s, the Rockefeller Foundation supported conservation and new research on the Paracas materials. Once again, the National Museum team was

preparing the maps, diagrams and photos and color illustrations for a major report on the Paracas site, when unfortunately Tello died in 1947 ...."

Tello was a true Peruvian native and America's first indigenous archeologist. He not only made the major discoveries of the prehistoric Paracas culture he also founded the National Museum of Archeology.

He was born a "mountain Indian" in an Andean village in Huarochiri Province in Peru; his family spoke Quechua, the native tongue of the Inca, the most widely spoken indigenous language in the nation.

He was able to obtain a top-notch education by persuading the Peruvian government to fund it; and he completed his Bachelor's degree in medicine at the National University of San Marcos 1909.

For some unknown reason, though he had a widespread reputation, he published his papers in rather obscure journals and newspapers rather than recognized academic journals.

The main attraction, which received most of the attention of the academic community were and still are the marvelous woven textiles, the colorful mantles used to cover the mummies.

However the skulls barely rate mention in the orthodox community because they have been either lumped together with the artificially deformed skulls or dismissed as the product of a genetic deformity.

The problem with the hydroencephaly thesis is this, according to the *National Organization for Rare Disorders* (NORD):

"*Hydranencephaly is a rare condition in which the brain's cerebral hemispheres are absent and replaced by sacs filled with cerebrospinal fluid. An infant with hydranencephaly may appear normal at birth. The infant's head size and spontaneous reflexes such as sucking, swallowing, crying, and moving the arms and legs may all seem normal. However, after a few weeks the infant usually becomes irritable and has increased muscle tone. After a few*

months of life, seizures and hydrocephalus (excessive accumulation of cerebrospinal fluid in the brain) may develop…"

Clearly this is an extremely serious disorder and to find 90 skulls supposedly victims of this disorder, among a small population in related burial sites, is extremely improbable.

Moreover, the Paracas elongated skulls are those of adults; whereas the outlook for sufferers of hydroencephaly,

"…is generally poor, and many children with this disorder die before age 1. However, in rare cases, children with hydranencephaly may survive for several years…"

This exposes the fatal flaw in the hydroencephaly thesis. Whoever was born with -- and grew into adulthood with these skulls -- were not of the human race as we know it; though they certainly were a type of human and they did live with what we would consider modern humans.

These facts are established by the mummies of both types being put together in the burial tombs.

Now we have two extremely explosive types of anomalous artifacts, found in close proximity to consider. One depicts

Paracas is very close to the enigmatic Nazca Lines. The other enigmatic artifacts are the ancient skulls of a race that are clearly not those of modern humans.

The charges of hoax against the Ica stones are obviously an overt attempt to refute their authenticity; the dismissal of the Paracas skulls, as being. Is it any wonder why the orthodoxy rails against the Ica stones and prefers to completely ignore the Paracas skulls? The author thinks caused by a genetic disorder, is the covert equivalent.

Modern science has neither a place for nor any use of these artifacts nor use for them, so rather than admit that they are real; and that

they remove scholars from their comfort zones, academia pretends they do not exist.

Perhaps they should recall the famous saying, “there is more to life than is in your philosophy Horatio.”

Sticking one’s head in the sand so as not to be confronted by unwanted facts is not a proper scientific attitude. The beauty of the Paracas skulls is that they cannot be refuted as a hoax since an imminent archaeologist discovered them.

They must be dealt with and explained in scientific terms, using impartial methods and the established facts the skulls, and their provenance present.

Though credentialed academics have not conducted these kinds of tests, independent researchers have measured the skulls and determined that their cranial capacity far exceeds those of modern human skulls.

As shown above, the early claim that this was caused by hydroenceophaly can be easily refuted; and should have been as a matter of academic, due diligence, which any investigative reporter would have conducted when confronted with the skulls and the explanation.

The DNA tests, now underway, will settle this matter with great finality. The ball is now in the court of modern academia; will they respond with actual studies that result in peer review papers with names attached?

Given past performance in the face of undeniable anomalous evidence, that is a highly doubtful prospect.

Instead they will let the Skeptic and Debunker websites howl charges of 'pseudoscience' while they apparently spend their time admiring their newest university degrees.

But let us remind them that somebody has to actually mind the store once the doors are thrown open. That a fellow scholar opened the doors makes it more incumbent upon historians to face the music.

Navarro is the director of the Paracas museum, so he can study the skulls as frequently and as thoroughly as he wishes. In fact he has done that and analyzed the results along with Brian Foester.

[Together they have published their findings in several books noted in the Reference Material section.]

It is high time to expose the tactics used by the science establishment to protect their cherished central dogma; since that materialistic premise is actually acting as the main filter through which many of history's artifacts cannot pass; or rather the orthodoxy will not allow to pass, in any factual context they will acknowledge.

But here again we find the Paracas skulls unearthed by Julio Tello and now housed in several museums, which pose dangerous anomalies. Dear readers you will have to decide the truth of the matter for yourselves….

There is another distinguishing feature that separates the Paracas skulls from normal human skulls, and that is the fact that there is only one parietal plate, where there should be two. (Image below)

Conclusion: The Paracas (elongated) skulls that have an enlarged cranial capacity are not the result of either

1) artificial skull deformation of a normal human cranium or

2) the outcome of a genetic disorder. These skulls are natural and they should receive the kind of careful, scientific analysis that other genuine artifacts receive.

[It should be noted, that as of this writing, preliminary DNA lab tests have been conducted. The results have shown that there are divergences between the Paracas skulls and modern, human DNA. However, more definitive and very costly tests are in the work, the author learned during an email exchange with Forester.]

CH17 - The Starchild Skull –Smoking Gun

"*One can only reasonably conclude from these statistical studies that the Starchild skull is distinctly different from human*."
(Dr. Ted Robinson, M.D., L.M.C.C., F.R.C.S.C)

Imagine this: You are a teenage girl on vacation in Mexico with your family. These are the days before TV. Though your parents have warned you not to venture into the caves of the wild canyon nearby, you are after all a bold, curious teen.

One day you decide to ignore you mothers warning and you gather up the courage to journey into the wild, dark confines alone.

While exploring the interior you are startled and amazed to see a skeleton lying on the cave floor. Bending over to examine it you find an arm bone sticking up through the dirt and then an even smaller, oddly-shaped skull partially buried next to the larger one…

The place is Copper Canyon located in Northern Mexico, still a vast wilderness that has caught the attention of adventure-seeking tourists in recent years. Thus began an odyssey that went on for many decades. The girl was a Mexican-American whose family often visited the area to see relatives.

The Starchild skull is a 900-year old bone skull found in the 1930s. The girl became attached to the skull so she never brought any attention to it. However, when she died her family turned it over to friends who, in turn, gave it to Melanie Young of El Paso, Texas in 1998.

She happened to be a neonatal nurse and clinical massage therapist. Melanie wanted to learn what deformity or condition might have caused the "misshapen" skull. She approached several of her colleagues at the hospital where she worked. But all dismissed it as some sort of natural deformity.

However, none could give her an explanation as to what condition could have caused it.

This piqued her curiosity. Suspecting that it might be something as yet unknown to medical science she sought the assistance of investigator and author the late Lloyd Pye, He was an independent researcher in the field of the paranormal and ancient mysteries. She

also pursued contacts among other medical professionals for their opinions.

In 1999 Pye became the director of the Starchild Project. He quickly set about the task of uncovering the truth about the skull. But soon encountered the fact that even the experts were unable to identify the deformity, this prompted Pye to theorize the reason might be that the Skull had alien origins.

But proving that thesis would be a whole new odyssey that would take 12 more years. With the assistance - of both major and minor contributors - he organized independent scientific testing of the skull in the US, Canada, and England.

A simple visual examination, and comparison to a normal human skull, quickly shows that the Starchild is very different. The cranium is more bulbous; the eye sockets positioned differently, both distinguishing features obvious to anyone at a glance.

But those differences could have been the result of a genetic abnormality or a disease.

In order to rule out those things and to scientifically establish the true nature of it, Pye had the skull tested and examined, by various medical and scientific experts, starting in 1999.None of them turned up any known condition or deformity that could explain its wide variety of abnormal characteristics.

Tests Conducted Included:

1) CAT Scan, which proved the Skull was not deformed by abnormal fusion of the cranial sutures (the bone plates of the Starchild Skull are not stuck together in a way that stopped the skull growing properly and changed its shape)

2) X-Rays, which showed the bone of the Skull to be uniformly thinner than normal human bone, that it had no frontal sinuses, and that there was no fluid or other abnormality between the brain and the inside of the skull

3) Scanning Electron Microscopy (SEM) Analysis, which discovered highly unusual microscopic, fibres inside the bone of the Skull

4) Expert Analysis of the physical structure of the bone, which identified the bone as much thinner and lighter than normal human bone; but also discovered that it is much stronger than human bone, a feature possibly related to the fibres in the bone.

In spite of the repeated tests, and the credibility of the various labs and investigators, the scientific community remained either indifferent or skeptical to Pye's work.

Naturally, the Starchild skull ignited a firestorm of controversy, once it gained the media's attention, since it does not fit into the established primate classification system. That makes it a very hot potato for historians and anthropologists, as well as biologists.

Tenured academics and scientists either routinely dismissed anomalies without serious analysis or ignore them entirely.

Pye, however, was an old hand at this game so he decided to have the skull undergo the ultimate scientific test, DNA analysis. That would raise the stakes to the highest level possible. Either the results would show the skull was human or it was not, it was a gamble he had to take.

What most of us are unaware of is the fact that the deepest levels of DNA testing are extremely, even prohibitively expensive. The costs can range from six figures way up into the high seven figures. Pye had limited funds so he took the skull to a lab to conduct a DNA analysis that he could afford.

The first test proved to be a false alarm. In 1999 the Starchild Skull was tested by the BOLD forensic teaching lab in Canada. They thought they had recovered human nuclear DNA from the "Y" chromosome, proving that the Starchild was a normal human male. This result was later determined to be a contamination.

That false report is often used by the Skeptic community to debunk the skull.

Then in 2003 the Starchild Project arranged another DNA test, this time by Trace Genetics, the genetics lab capable of testing ancient DNA, which had successfully analyzed the Kennewick Man. They were able to recover mitochondrial DNA, but not nuclear DNA.

That left two options--either the nuclear DNA was too degraded to recover, or the DNA was too different, from that of a human, to be detected by the human primers they were using to test it. Several more years passed.

Then in early in 2010 the head of a large genetics lab in the U.S. contacted the Starchild Project and suggested that he could attempt to use a recovery technique called modified "shotgun" sequencing to isolate the Starchild's nuclear DNA. This is the same nuclear DNA that could not be recovered during six attempts in an extensive DNA test conducted by Trace Genetics in 2003.

Trace Genetics used what was available then: long human-only primers made from many thousands of base pairs strung together. The new refined shotgun technique could recover much shorter strings of as little as 200 to 500 base pairs long.

Where primers are like a single bullet, the new technique is like a spray of shotgun pellets, giving a much better chance to hit a positive result. The geneticist was certain that if the skull's nuclear DNA was still viable, then.

The National Institute of Health (NIH) in Maryland, public-access database houses a centralized repository of all the genomic data accumulated by U.S. government-funded research, and it now covers every phylum on Earth.

If you have been led to believe that the Starchild is a hoax and no serious scientific study has gone into it, check your sources because somebody is blowing smoke in your eyes.

The results came back and showed that one length of 265 base pairs from the Starchild Skull's nuclear DNA matched perfectly

with this step the one human chromosome 1. This verified that at least some of the nuclear DNA from the Starchild is from a human being.

But in a second string of 342 base A sample was extracted and the geneticist sent it to the huge genetic database located at the National Institutes pairs recovered from the Starchild Skull the result read:

"*No significant similarity found*. For reasons why, click here."

Those "reasons why" involved an automatically generated list of possible procedural errors designed to help geneticists check all possible flaws in their testing techniques. However, the geneticist had verified his procedures and replicated his results, indicating that no such mistakes were made.

Of course no other DNA samples had ever turned up such a result, without errors, in the NIH computers. To have recovered a string of base pairs 342 nucleotides long with NO reference in the NIH database meant there is NO known earthly corollary for what has been analyzed!

As the author repeatedly stated in the previous volume, the genome on Earth is amazingly uniform, that is why the computer indicated there must be an error. That is because the human genome has close relationships with all animals, and even many plants, in the world around us.

Human’s share 95- 97% of our genes with chimps, 70% with rats, 65% with mice, 50% with bananas and 26% with yeast! Thus, nearly everything on Earth is, in some way, genetically interrelated with humans, so it is not at all unique that some of the Starchild's nuclear DNA was found to be human-like.

So here we have the smoking gun proof we have been searching for, proving not only that aliens exist but they have or at least one has visited the earth. (The Paracas DNA results could soon change this to many)

As breathtaking as this is we are quickly confronted by a conundrum wrapped within an enigma. Who was this alien, how did he get here, and what was he doing dying in that cave next to an ordinary person in a desolate area of northern Mexico?

What we lack here is a cultural context to clarify this entities history and social background. Was he a member of the Genesis Race, the founders of humanity and the progenitors of our earliest civilizations? By his size and description we would have to conclude that that seems unlikely.

Those are questions and issues that will have to be answered in due time. In fact, the DNA testing did not stop with there.

The above test involved nuclear DNA, which the author described in the second volume of this series in some detail. That is the chromosomal genetic material. However, four fragments were recovered from the Starchild's mitochondrial DNA (mtDNA) as well.

In the prior book we learned that is the DNA packet transmitted by the maternal lineage.

Among the 16,569 base pairs in each mtDNA genome, a maximum of only 120 vary between all humans. The 120 maximum is found in descendants of the first humans, who originated in southern Africa around 200,000 years ago. The rest of us carry fewer mutations because our ancestors did not develop until well after the first humans appeared.

The geneticist recovered four reasonably large fragments of MtDNA which together totaled 1,583 base pairs, or 9.55% of the 16,569 base pair total for humans. In these the Starchild was found to carry a grand total of 93 variations that are different from the extremely highly conserved human mtDNA genome.

That is 93 in only 9.5% of the genome! It's already near to the maximum of 120 variations in human mtDNA. If we do a simple but highly reliable mathematical extrapolation, expanding the 9.5% out to

100% (times 10.5) we find that 93 established variations extrapolates out to 977 variations!

Neanderthals carry 200. The new hominins, *Denisovans*, carry 385. The Starchild extrapólates to 977!

Starchild Skull

According to the published results, “the lab discovered a high percentage of unusual DNA.” The DNA researcher wrote the following in an abstract:

> *1) Bone of the misshapen skull is one-third the thickness of a human skull, and it weighs correspondingly less*
> *2) The misshapen skull’s bone is much harder than human skull bone as determined by its strong resistance to cutting and drilling, which is likely a consequence of biochemical differences and its internal architecture;*
> *3) Its chemical makeup resembles human tooth enamel much more than the makeup of human skeletal bone;*
> *4) The misshapen skull apparently contained a brain of a different shape which was apparently 30% larger than normal human brains, as estimated by measuring cranial capacity;*
> *5) Eye sockets of a normal human adult are 1.5-2.0 inches deep, while the misshapen skull’s eye sockets are barely 0.5 inches deep, which indicates the corresponding biological entity had very different eyes;*

6) *As deduced from the maxilla fragment, the entities mouth was infant-sized and had a flat roof, with none of the arching that is normal in humans, indicating a very small or absent tongue*.

An important point to note is that nuclear DNA contains many mutations. In fact only 5% of its billions of genes carry out most of our genetic functions, which means it is not highly conserved. However, the case with MtDNA is quite the opposite. Nearly all of mtDNA (98% or more) functions at a very high level of efficiency.

Mutations are rare in MtDNA because they are almost always dysfunctional and result in the death of the individual carrying them. Now we turn to the critical FOXP2 which can be considered as a "master gene," one of the most vitally important in the body of any species on Earth. (Described in some detail on volume two.)

The author has focused on this as the site that distinguishes humans from other primates in the chapters devoted to genetics in the prior volume. The geneticist recovered a fragment of the Starchild's DNA that housed the FOXP2'like homologue. The results of the analysis proved compelling.

The lab found that , "*among the 211 nucleotides of the entities FOXP2-like DNA fragment, we find a stunning 62 differences at the nucleotide level, and 18 amino acid differences. Apart from the species-specific gaps, this fragment shows more differences from the human FOXP2 than any species included in the comparison…"*

Because it is absolutely vital, the FOXP2 gene it is even more highly conserved than mtDNA. As stated above, in the 16,569 base pairs found in the mtDNA genome of normal humans, as many as 120 variations can be found in those of us that have an African heritage, mainly southern Africans.

That percentage of difference is quite small, about 0.7%. Compare that with the FOXP2 gene, which in normal humans is 2,594 base pairs long, and contains **no** variations, that is <u>0% mutations</u>! Every

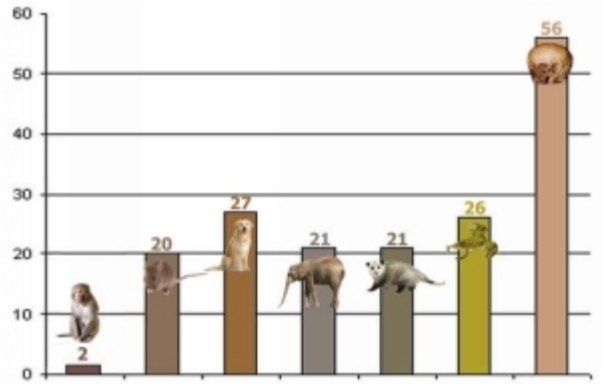
normal human has the exact same array of FOXP2 base pairs as every other normal human.

If we are tracking together then you are beginning to understand that the Starchild skull is an alien, an outlier, not human…

Here the author is going to quote the report presented on The Starchild Project website

The Starchild's 211 base pair FOXP2 fragment has a grand total of 56 variations! Now, while extrapolating this 211 base pair fragment is a bit more of a stretch than extrapolating the four combined fragments of mtDNA we discussed earlier, doing so does provide something to think about. Divide 2,954 by 211, and you get 12.3. Multiply 12.3 by 56, and the range of total variations in the Starchild's FOXP2 base pairs would be 600 to 700! So let's be crazy conservative and say it's only 200 or 300. It is still astounding in a super highly conserved gene that in normal humans has no variations at all!

If we compare the same section from a rhesus monkey's FOXP2, only 2 of its 211 base pairs would vary from any human. If it were a mouse, it would be 20, if a dog, 27, an elephant, 21, an opossum, 21, a Xenopus (a kind of frog), 26. So dogs and frogs are the most different, at 27 and 26 base pairs respectively.



To put this in perspective, let's imagine that when alive, the Starchild was indeed some unknown humanoid. No matter how different from humans it might have been, to be in the humanoid family its FOXP2 gene would have to be in the range of 1 or 2 or at most 3 base pair variations from a normal human. To go past 5 or 10 would put it into

another class of species. 20 to 25 would put it in the range of mice and elephants, and dogs and frogs. To have 56 is to put it in another realm, another dimension entirely. It is utterly unique…

Now we have objectively reviewed the results of a wide variety of tests including DNA analysis of the nuclear, mtDNA and FOXP2 genes and they all agreed. The lab results clearly show, what our cursory visual investigation suspected, the skull is not human.

It is not a matter of its unusual shape, which is just an indicator. Clearly, it is the deeper genetic data that reveals the truth; the unique biochemical and DNA differences that prove that the skull is of an alien of an unknown race.

You might think that proves the *ancient astronaut* theory but it does not really do that. It does, however, concur with the growing body of evidence that is proving that we are not alone…life exists out there in the cosmos and is not confined to Earth.

Though the author's work is focused on proving the theory of *directed panspermia (Cosmic Ancestry 2)*, the scientific method requires objectivity. The reality is that none of the various 'alien' skulls are going to provide, the incontrovertible "smoking gun" proof that many proponents of the ancient astronaut thesis seem to believe they will.

This is true even if their DNA reveals that they are not human, as the Starchild skull has. These artifacts are simply added to the growing body of evidence which supports the theory of Directed Panspermia, that aliens seeded life on Earth. Then at the right time they came to the planet to teach humans the arts of civilization.

In fact, the Starchild skull is not all that old, only 900 years and we have to come to terms with artifacts that are thousands of years older. Who built the Great Pyramid and why?

That said, we owe a debt of gratitude to Lloyd Pye, who passed away in 2013, for carrying the torch as far as he could…

SECTION IV: Ancient Alien Encounters

CH 18 – Evidence of Early Contact

I. The Dogon& the Nommo

The Dogon people live in the Homburi Mountains near Timbuktu, West Africa. This ancient tribe has lived close to the earth for thousands and thousands of years. Curiously, they seem to possess knowledge, which is incorporated into their traditions that modern scientists say they could not have acquired on their own.

At the center of their religious teachings is the knowledge of a star system -- that is not visible to the naked eye -- and so difficult to observe through a telescope that no photographs were taken of it until 1970; the Sirius 'B' binary system.

The Dogon say they received their knowledge from extraterrestrial visitors to the earth (*the Nommo)* who came from another star system.

This is their history. Our modern scholars wag their fingers and cluck their tongues dismissing it as no more than imaginary mythology spun by a primitive tribal group.

Nonetheless, perhaps we should pay a little attention and enter these precincts with an attitude of humility and an open mind.

As we shall soon see, the Dogon is not the only culture to have embedded the idea that, beings from space have visited the earth and made contact with humans in their cosmology.

The existence of the Sirius B (binary) system was first suspected by Western astronomers in 1844, when irregularities were noticed in the movements of the star, Sirius.

It was supposed that Sirius must be affected by a second star, and in 1862 a faint companion star was finally detected. Sirius B is a white dwarf that, although small and faint, is extremely dense; heavy enough to exert an influence on Sirius A.

The Dogon name for Sirius B (Po Tolo) consists of the word for star "tolo" and "po," the name of the smallest seed known to the tribe. By this name they describe the star's relative diminutive size and density -- it is, they say, "*the smallest thing there is*."

The Dogon also claim that it is "*the heaviest star*," and is white as well. They thus attribute to Sirius B its three principle properties: a white dwarf which is a very small, very dense star.

Their traditions go on to claim that it has an elliptical orbit, with Sirius A at one foci of the ellipse, which it is; that the orbital period is 50 years (the actual figure is 50.04 +/- 0.09 years); and that the star rotates on its own axis (which science has determined, it does).

The Dogon also describe a third star in the Sirius system, called "Emme Ya" ("Sorghum Female"). In orbit around this star, they say, is a single satellite. To date, Emme Ya has not been spotted by astronomers.

In addition to their knowledge of Sirius B, the Dogon oral traditions include accurate knowledge of Saturn's rings and Jupiter's four major moons. The Dogon also have four calendars. A Solar, Lunar, Sirius, and Venus calendar(s) respectively; and they have long known that the planets orbit the sun.

Where did this modern knowledge come from?

The Dogon claim that their astronomical knowledge was given to them by the *Nommos*; amphibious beings sent to Earth from Sirius for the benefit of mankind. The name comes from a Dogon word meaning "*to make one drink*," and the Nommos are also called *Masters of the Water*, *the Monitors*, and *the Teachers*.

[The behavior of UFOs suggests that monitoring is one of the main things they do.]

The Nommos, according to the Dogon, were more fishlike than human, and had to live in water. They also characterized them as being saviors and spiritual guardians:

"*The Nommo divided his body among men to feed them; that is why it is also said that as the universe "had drunk of his body," the Nommo also made men drink. He gave all his life principles to human beings*."

The Dogon priests claim that the Nommo will return one day.

Dogon oral traditions are known only by a select number of their priests, and it represents a complex system of knowledge. If the star (Emme Ya) is eventually discovered in the Sirius system, this would give considerable weight to the Dogon's story.

French anthropologists, Marcel Griaule and Germain Dieterlen, recorded the foregoing information from four Dogon priests in the 1930's. The Dogon still survive and carry on these traditions to this day.

The story of the Dogon and their legend was first brought to popular attention by **Robert K.G. Temple** in a book published in 1977 called *The Sirius Mystery*.

Science writer **Ian Ridpath** and astronomer **Carl Sagan** criticized Temple's book, suggesting that this modern knowledge about Sirius must have come from Westerners who discussed astronomy with the Dogon priests.

The priests then included this new information into the older traditions according to them, which in turn, mislead the anthropologists (in the opinion of Sagan and Ridpath).

That hypothesis does not take into account a 400-year old Dogon artifact that depicts the Sirius configuration, nor does it acknowledge the ceremonies held by the Dogon since the 13th century to celebrate the cycle of Sirius A and B.

It also doesn't explain how the Dogon priests knew about the super-density of Sirius B; a fact only discovered a few years before the anthropologists recorded the Dogon stories.

II**. The Ancient Hebrews** (Old Testament/Talmud/Bible)

It almost seems too obvious to mention, but we have to consider the historical context and lack of technology at the time the Old Testament oral histories were handed down.

If we expect to find, '*and I saw the silvery machine flying across the sky*', then our expectations are out of line with historical reality.

However, that does not mean that there were not flying machines hovering, flying and soaring above their heads.

After all, modern day witnesses refer to UFOs as *'flying saucers*' though the term is not taken literally. We need to do the same for the ancient descriptions.

Since, in their experience, the only thing that was in the sky were birds and clouds; quite naturally "clouds" became the metaphor for UFOs (flying machines). In fact, these 'clouds' are the most common descriptions of flying vehicles laced throughout the Old Testament.

Actually the ancients tried to make a distinction between natural clouds and the artificial objects they were seeing by describing them as '*dark clouds'*, '*a thick cloud'*, and even '*dark water' or 'pillar of cloud'* to convey the idea of the density of a solid object.

[Like the Great Pyramid we were supposed to be able to decipher its (Old Testament) message as our civilization progressed socially and technologically. However, that has yet to happen and it may not.]

So, since there were no solid manmade, flying objects 2000 to 4000 years ago, and the only things close were thunder or storm clouds, the ancients made the most logical connection they could. Look at modern descriptions of UFOs: *flying saucers*, *flashing lights*, a *shiny*, *silvery object* and so forth...people do the best they can to describe them.

Predictably priests, ministers and theologians down the ages have clung to the idea that 'clouds' meant natural clouds; thus making the Bible seem like a children's fairytale full of natural objects acting quite unnaturally.

They have and still do ignore the context and also the fact that they further described the "*pillars of cloud by day*" and then the same phenomenon as "*pillars of fire by night*".

Clearly those terms did not indicate natural clouds. The artificial phenomena strained the descriptive powers of people who had no

concept of a flying machine.

For those that may cling to the belief that these were descriptions of actual clouds, the flight characteristics, ability to glow at night, and other anomalous behavior leaves such a narrow view very much in doubt.

In fact, the traditional interpretation of the Old Testament actually reads like a mythical fairytale, rather than an historical account, if one interprets *clouds,* in the various contexts used in the Bible, literally.

That is the not the fault of the ancient people who witnessed these things and made every effort to hand their experiences down to succeeding generations.

The fault lies with our biblical scholars and priests and ministers who cling to their outmoded beliefs or pooh-pooh the very idea of ancient, extraterrestrial visitations and contacts.

To wit, when Jehovah descended upon Mt. Sinai, the Old Testament tells us the mountain was shaking and his presence was like thundering and lightning.

Are we really to interpret this as meaning the (invisible) omnipotent, Creator of the Infinite Universe manifested Himself (Itself) on a mountain in a physical form so he could talk with Moses face-to-face?

An improbable interpretation at best, or do the events actually recount the arrival of a spacecraft that shakes the mountain while making rumbling sounds and emitting reddish orange lights that shoot in all directions into the sky?

Doesn't that description fit many modern UFO encounters almost to the T? Yes it does. It was not the Creator of the Universe that came down on Mt. Sinai, it was the "gods" that had always been present since the very beginning of the human race, described in Genesis: 26.

Once landed, the leader “god' ordered Moses to cordon off the area below their craft to keep the rest of the Israelites from trying to enter the perimeter. If they did enter it, they would die, Moses was told.

After spending a considerable time inside of the craft, Moses came out and his face was 'glowing'. It was bright red and so radiant that people demanded he conceal his face from them behind a veil.

Was he in some transfigured, spiritual state or was he suffering from microwave or some other kind of radiation exposure? Whatever it was, it frightened the tribe, who were already shivering over what was happening on the mountain above them...

Ezekiel: The Glory of the Lord

As I looked, behold, a stormy wind came out of the north, and a great cloud, with brightness around it, and fire flashing forth continually, and in the midst of the fire, as it were gleaming metal.

[If this is not an extraterrestrial UFO craft, then what is it? Ezekiel goes so far as to tell us ..."as it were gleaming metal..." To fail to understand his description is then an act of choice and calculation, which are not justifiable in our current technological civilization.]

"...*Over the heads of the living creatures there was the likeness of an expanse, shining like awe-inspiring crystal, spread out above their heads. 23 And under the expanse their wings were stretched out straight, one toward another. And each creature had two wings covering its body. 24 And when they went, I heard the sound of their wings like the sound of many waters, like the sound of the Almighty, a sound of tumult like the sound of an army. When they stood still, they let down their wings. 25 And there came a voice from above the expanse*..."

[A brilliantly shining object hovered over the "creatures", (automatons), and a voice came from it. Notice that Ezekiel says "like" crystal, in other words, he is indicating that this object was very shiny, almost translucent.]

"...*And above the expanse over their heads there was the likeness of a throne, in appearance like sapphire; and seated above the likeness of a throne was a likeness with a HUMAN appearance*."

[Again Ezekiel was careful to say that there was the "*likeness of a throne*", not a throne exactly but like a throne...a high backed chair...and sitting on that chair was a HUMAN looking personage. Not GOD but a physical being that appeared human.

[Again to turn his words into something metaphysical and spiritual is to twist the meaning he actually conveyed. He was describing a physical reality in plain words.] .

"...*upward from what had the appearance of his waist I saw as it were gleaming metal, like the appearance of fire enclosed all around. And downward from what had the appearance of his waist I saw as it were the appearance of fire, and there was brightness around him. 28 Like the appearance of the bow that is in the cloud on the day of rain, so was the appearance of the brightness all around*."

[With great clarity and using the most powerful words he possessed, Ezekiel goes on to describe the interior of a space craft. Gleaming metal lit up with reddish lights and the lighting hitting the metal giving off (rainbow looking) spectral patterns. Nothing new to 21st century humans, however, totally outside of Ezekiel's experience.]

"*Such was the appearance of the likeness of the glory of the Lord. And when I saw it, I fell on my face, and I heard the voice of one speaking*."

[Overcome by the power and strangeness of his experience Ezekiel fell face down on the ground as the "lord" speaks.]

When Moses went up the side of Mt. Sinai he spoke to the "lord" face-to-face. When the lord came down and 'hovered' over his tent in the desert, they spoke face-to-face.

The word "hovering" is the most common way that modern witnesses describe the behavior of UFOs. Christ said that when He

returned to Earth he would come in the "*clouds"* from the heavens with an army and all the earth would be witness.

Flying on a natural cloud with an army, also on clouds, that the whole world can see? Appearing in an advanced spacecraft and encircling the entire globe is the only way to make sense out of his words. It is also the only way that all of humanity would be a witness and overcome by awe, fear and trembling regardless of their spiritual beliefs.

If you are a Jew or Christian, beware. If the traditional interpretation is wrong then expect Christ to return leading an army of silvery, disk-shaped flying machines (clouds) that no nation will be able to deny or combat. Do Christians really expect Him to arrive on natural clouds?

How would that be possible?

When the Old Testament text says that Jehovah rides '*a swift cloud'*, are we to believe that he is literally sitting atop an insubstantial (misty) cloud speeding through the sky? Those were simply metaphors that we continue to misinterpret at our own peril.

This demands careful, critical, objective analysis. When the "*cloud by day*" turned into *fire by night*, are we to accept that a natural cloud transformed into a fire, even though natural clouds do not do that?

On the other hand, a UFO could lead the tribe both day and night shifting from its silvery, bright coloration by day; and changing into a reddish-orange glowing object at night.

Moreover when the cloud stays in a stationary position for months, catching fire every night and burning out every morning, can we seriously pretend that the narrative means a natural cloud? What better metaphor could the ancients have used?

Just a tad of critical thought and an adjustment in one's thinking can set the record straight. The Dogon and the Israelites kept this knowledge because they knew they were dealing with beings that

were incomprehensible to them, "gods". In fact they were talking about *gods*, superior beings from another more evolved world.

Just as we are gods, in a manner of speaking, to dogs and chimpanzees; the Genesis Race are gods to us. Of course, that should instill some humility, as well as apprehension in us, and it did just that in the minds of our ancestors.

We already know what happens to a primitive culture when it is intruded upon by a more advanced civilization. The primitive culture comes apart, is changed radically or destroyed, as has happened in Africa and the Amazon basin over the course of several centuries...

The great irony of it all is that numberless generations have handed this knowledge down -- and here we are at the point where we can understand it-- however, we are collectively rejecting it.

This could be the final act that our race performs before the lights go out on this civilization and we return to a more primitive way of living...and try to hand down our own contact "myths".

In fact, Jesus scolded the crowd that was trying to stone him by asking, "**know ye not that ye are gods**?' We are, in fact, descended from the cosmic lineage, the Genesis Race.

III. **The Sumerians and the Annunaki**

Even scholars, not known to embrace the idea of extraterrestrial contact, have noted that there is something curious about the way the Sumerian scribes recorded events and kept accounts of commercial activities.

It is as if they were completely detached from them almost like they were describing the activities of some alien society they were observing, which they no doubt were.

The Sumerian Kings recorded all the rulers of Earth over 400,000 years who were said to be gods, demigods, or immortals. Of course

modern scholars dismiss this chronology out of hand.

This is a curious attitude because they are quick to embrace the idea that the Sumerians invented the wheel, metallurgy, crop-based agriculture, advanced mathematics and so forth.

At issue: *were the ancient Sumerians hard-headed geniuses or were they soft-headed fantasists who liked to invent fictional histories while they were creating Earth's first civilization?*

In Sumerian Mythology the Anunnaki were considered to be 'gods and goddesses', a duality, who came to Earth to create the human race.

Of course this is an exact parallel to the Old Testament history ('*let us make man in Our image and Likeness'*). According to the same history, these gods came from Niburu referred to as the 'Planet of the Crossing.'

The Assyrians and Babylonians later referred to (Niburu) as 'Marduk', after their chief god. Sumerians said one year on planet Nibiru was equivalent in time to 3,600 Earth years.

Anunnaki life spans were 120 sars which is 120 x 3,600 or 432,000 years. According to the King List - 120 sars had passed from the time the Anunnaki arrived on Earth to the time of the Great Flood.

[*In the interesting relief shown above (housed in the British Museum), the god Ninurta is standing in a gateway with his index finger pressed against the wall. He is also looking in that same direction. He is wearing two wrist bands, (or devices), and holds some kind of staff that has a spherical ball-shaped object near the top. A symbol, reminiscent of the one later adopted by the Knights Templar hangs from his neck in pendant fashion. Above his head are five objects in raised relief*.]

The 'gods' were said to have created human beings from clay for the purpose of working for them, as was the case with Adam in Genesis 2. In the Bible the 'god's' created the first man Adam (prototype) from clay to serve them by tending the Garden of Eden.

Adam was in fact made to be a humble gardener. This of course does not sit well with our own exalted, modern self-description where the human race represents the Crown of Creation, (Evolution) perhaps the only intelligent beings that exist in the entire universe. (Wow!)

Enki was depicted as the god of beneficence, ruler of the freshwater depths beneath the earth, a healer and friend to humanity. In Sumerian traditions he was said to have given humans the arts and

sciences, the industries and manners of civilization; the first law-book was considered to be his creation.

The underlying concept is the fact that the Sumerians did not give themselves credit for having created civilization. That feat was ascribed to the 'gods' who from the heavens came.

It is interesting that the Sumerians connected their culture-bearer, Enki, to water, and the Dogon also connected the Nommo, their culture-bearers with water.

In the many reliefs that depict the 'gods' they are shown with wings, suggesting the ability of flight; they also carry a curious looking satchel (or handled purse, device?) in one hand. Usually one arm is raised overhead and some object is being held in the other hand.

In almost every relief each god has a similar 'wrist band'. In some of them a winged symbol (similar to the Egyptian winged symbol) is depicted above a 'symbolic tree' and two of the 'gods' flank the tree on either side (tree of life?). In this relief both 'gods' are holding the handled object, whatever it was in their hands.

These repeated themes - from one relief to another - make the fact clear that the objects these 'gods' were holding and wore around their wrists were of paramount importance.

If we want to understand the Annunaki we first need to unravel what they were. Additionally, in many of the reliefs, the gods are holding a curious looking conical-shaped object which is raised in the air as if they are pointing it at something.

A closer examination of the winged symbol reveals that a man is enclosed within a circle with his arms outstretched.

The human/bird entity depicted could be a hybrid or a chimera created by the 'gods'

In a number of reliefs we find a being that seems to be a cross between a human and a bird, he has wings a beak but also arms and a human-like body.

He too carries the handled purse and has wings that extend out from behind his body. This creature seems to be a peer, of the more obviously human-type being, as they stand together facing in one direction with one arm raised and pointed in that same direction.

III. **Australian Aborigines**

From the remote, isolated Dogon tribe in north western Africa we travel to the isolated continent of Australia and find the aboriginal version of the Nommo, the "sky beings" referred to by the indigenous people as *the Wandjina*.

Aboriginal myths incorporate the idea of extraterrestrial contact with a race of beings from the stars. The Wandjina accounts have been preserved in oral traditions that have been passed down for thousands of years.

They are also commemorated in a large collection of rock paintings scattered throughout the Kimberley region of northern Australia.

The Wandinja

The paintings have received every conceivable type of interpretation from stylized representations of a mythological system to the embodiment of ancient astronauts. The aborigines viewed the Wandjina as "*the spirit in the cloud",* which too is open to interpretation.

The aboriginal tribe, the Bad, of the West Kimberly area, revered "a supreme being" called Djamar. According to tradition he manifested in a manner highly suggestive of a mysterious "something" landing and leaving behind a physical record of its activities.

Part of their initiation rites included leading young initiates to a nearby, stony creek-bed. There they were shown the holes where Djamar had planted his "bullroarer". (An object making a roaring wind-sound, which UFO witness claim they make)

In aboriginal lore the sound of the "bullroarer" symbolizes the approach of the god. The original accounts indicate that Djamar's bullroarer or "galuguru" are representations of the "being" itself. According to E.A. Worms:

> *"...the old men impress on the youths the terrible force of the original tjurunga, by pointing out the baldness of the surrounding hills and the damaged bark of the trees struck by Djamar when he whirled the bullroarer. It smashed the rocks of the foreshore*." (1)

After the manifestation of Djamar, which left behind all this damage, the Supreme Being himself ascended once again into the sky with his "tjurunga". We are reminded of the events on Mt. Sinai. UFOs have been known to leave this kind of trace evidence behind in the environment.

According to Lorraine Mafi Williams a modern-day aboriginal woman:

Our attitude to what goes on up in the heavens is what rules us Aboriginals. It's similar to religion, whereby Christians believe in a religious world ruled by one God, but many "Saints"; we believe the same only the many "saints" to us are planetary ones whom you in the Western world refer to as ET or aliens. We call them Wandjinas and Mimi Spirits, and have done so for thousands of years, until 1788, when an English concept of the above was interestingly enough (found to be) parallel to what we have practiced for eons; that we commonly refer to as our Dreamtime, that began in the Milky Way."

She says that communications from these beings is ongoing and claims to have had encounters and experiences with her "old friend" since the age of 12. She claims that she is an "abductee".

"... My dear old friend took me up, yes in a UFO, but a different sort to the western beliefs." She adds, "I went through all or nearly what abductees did ... We believe in UFO's, but here too we have the aboriginal concept and belief, and we know about abductions and why...." (2)

Conclusion: In fact, it is modern historians and archaeologists who propose the strange, radical thesis that mankind evolved and developed in complete isolation and autonomy. The Genesis Race theory is consistent with the most ancient traditions preserved around the world. These traditions speak of a race of 'gods' (advanced beings) coming to Earth and teaching mankind the arts of civilization.

CH19- Decoding the Old Testament - Part I

“I have heard many times ‘it is not important to have to know the Hebrew meanings of words, the English is good enough for complete understanding’. Is this an accurate statement? I don't think so. Anyone who has worked with translation knows that it is often difficult to convey an idea from one culture into another. Not only is this a problem with contemporary languages, but imagine how much more this is compounded when translating from an ancient eastern language into a modern western language.” (Jeff Benner, Ancient Hebrew Research Center)

As we have seen in previous chapters about genetics the differences between species, and even within a species, are often much more important than the similarities. The genetic code has rules and these must be obeyed because the penalty for not obeying them can be severe.

When a gene deviates from making an accurate copy it becomes a mutation, however temporarily. But the likelihood is that it will soon fail and evolutionists admit readily this. The fact is that nature destroys most mutations.

When an individual's genes start making less than accurate copies of its original genes, as it does due to the wear and tear of aging, it is just matter of time until the body starts to fail, get ill and it will soon perish.

When a species does not adapt to changing environmental conditions -- or does not react to an invading antigen in a timely fashion -- that can result in extinction. All species and all individuals within a species are under survival mandates and pressures *all* of the time.

There is a very good reason why the majority of mutations are never transmitted to succeeding generations. It is due to the fact that previous generations inherited genetic traits that helped them to survive over the long run. Why allow an unproven, upstart to try to change things?

As the old saying goes, 'why fix it if it ain't broke'? They, in turn, pass those traits on as faithfully as the genetic code allows, which is normally with great precision.

Would that the situation were the case for the cultural and social institutions that human beings create. Natural evolution is more often about the conservation of genes than about mutational change. The genetic (DNA) code goes on for 10 of millions of years with very few significant changes, in fact, even hundreds of millions of years and more in some species.

However, when it comes to things like language, and other human cultural institutions, people have a difficult time conserving them for very long. Cultures have arisen and vanished without leaving hardly a trace. Civilizations have emerged, flourished, and fairly quickly withered away, leaving behind but a scant few remnant archaeological ruins in the record.

The average life span of civilizations is a mere 500 years. It was really not very long ago when Latin was spoken throughout the Roman Empire. Two thousand years later it is not spoken at all.

Latin is merely taught as an interesting relic that has a few applications in scientific and medical nomenclatures. Latin is, in fact, the root of a number of modern languages, which are really mutations and permutations of the original.

This is largely true of all the ancient civilizations. Sanskrit is to the modern languages of India what Latin is to western cultures. The Modern Greek and Egyptian languages bear extremely little resemblance to their founders, which their speakers know nothing of today.

In addition, very little of the ancestral civilization's institutions survived intact. This is also true of the Ancient Hebrew language and the various cultural institutions and related Semitic languages.

The non-Semitic Sumerian civilization, which had a language isolate (unrelated tongue), exploded onto the scene and virtually created all of the seminal technologies of civilization about 5,000 years ago.

Yet it did not last long due to constant warfare with surrounding tribes. The Akkadians soon took over and made numerous cultural changes; then the Babylonian's replaced them and did likewise. Within a few thousands of years all those early civilizations were forgotten, their works buried under mounds of sand in the bleak desert environs of Mesopotamia.

This is the truth of human history. We soon forget what has been lost because the pressures of having to survive are all consuming in the

moment.

It was not until an explorer -- compelled by a belief that the bible preserved an accurate account of ancient history -- went to Iraq and dug up the ancient cities that the human record, all but erased from living memory, emerged

The point we are coming to is this, <u>we should not dismiss</u> and/or ignore ancient oral traditions that were later preserved in written texts. They were largely attempts to transmit information, like our DNA does, important to our survival as a species.

Our remote ancestors were not given to handing down wild, imaginary tales they allegedly made up in their spare time for their amusement. But that attitude pretty much sums up how modern scholars characterize their “myths” oral and written histories.

The Old Testament referred to a land called <u>Shinar</u>, which even biblical scholars had dismissed as biblical fantasy by the time Layard determined to find it in the mid-1800s. He was neither a scholar nor an archeologist. Layard was a man on a mission.

When he found the 'mythical' Nineveh, the world was astonished.

When archeologists followed his lead and dug up city after city locating tens of thousands of ancient cuneiform texts in the process, they were dazzled by what they found. The Hanging Gardens of Babylon had indeed existed.

The people that had once lived in Shinar (Sumeria) had invented the wheel, metallurgy, crop agriculture, levees and so forth. All of this came forth rather recently, which means humanity lost any awareness of its remote past for thousands of years. Dear reader, please consider that fact deeply.

This should have taught a valuable lesson to our scholars and scientists but apparently it did not sink in very deeply: *Dismiss or*

misinterpret the content of ancient, oral traditions and sacred texts at your peril and continued ignorance.

Those oral traditions and ancient texts contain references and information that is critical to our survival as a species, a fact that we do not want to learn too late. If our academic scholars are wrong about ancient oral traditions -- which they insist offer little more than the stuff produced by primitive imaginations -- we could be in for a terrible, devastating shock.

Average people and religious folks won't be jumping off bridges but evolutionists and historian's will- should the Genesis Race return.

What events might precipitate that kind of global human reaction?

Quite simply, the return of the advanced civilization -- that so many ancient cultures referred to in oral tradition -- those traditions stated, in no uncertain terms, that this race had intervened in their affairs before and would again in the future.

That was the whole point in preserving and passing down those oral accounts like a DNA code meant to be transmitted for the sake of survival. *'Be ready children, because if you are not, all hell is going to break loose*.'

Do our scholars really expect a detailed description of how 'they' genetically engineered mankind using the kinds of terminology and knowledge we only came into possession of recently?

Apparently they do because they ignore the primitive, pre-technology descriptions given by ancient peoples. To clarify the difficulty we need to begin by engaging in some basic *Textual Criticism* but not in any pedantic academic manner.

When the Sumerian cuneiform texts were found no one knew the language they were written in. It took some time to work back through daughter languages to eventually decipher the founder (Sumerian) language.

The case was a bit different with ancient Egyptian hieroglyphs since the Rosetta-Stone unlocked their meaning. Fortunately those early people had written languages because the spoken languages had vanished.

No one knows what ancient Egyptian or Sumerian actually sounded like. More importantly we cannot be sure that we can always, with any certainty, understand the meaning of the concepts that they were trying to convey in the texts. Our language is based upon phonetic letters; words convey sounds but those languages were pictographic.

However, we can at least obtain general ideas and make logical inferences and extrapolations from them. In reality, that is all we need at this advanced stage of civilization.

[The author is not blaming modern scholars or scientists for misinterpreting or dismissing the oral traditions and texts. It is only a logical extension of the fact that no intervening cultures have experienced an overt, direct ET contact event. That goes back at least 2-3,000 years]

Rest assured, between 8,000 BC and 2,000 BC a series of direct contact events (Moses, Ezekiel) including temporary colonization (Sumer, Egypt) did occur. The author infers that from multiple oral traditions and texts including the Old Testament as well as enigmatic artifacts like the Great Pyramid.

There are only two choices when dealing with ancient oral traditions and texts. 1) They either describe some actual people, places and events or 2) they do not.

It was thought that Sumer and Babylon were Biblical myths until they were unearthed. It is still thought that the Garden of Eden was a fictional place used as part of an allegorical, morality play. We shall see....

The Hebrew authors used many words to describe God. In fact some Jewish scholars believe that the early Hebrew’s were polytheists and

not monotheists. This is lost on English speakers and non-Jews in general.

The Old Testament might refer to God as JHVH in one verse and El Shaddai in another, a reference to an attribute that they saw God possessed in a given context.

In the Old Testament El also refers to God as do Eloah, El Bereth, Adonai and Ha-shem. But the most controversial word used to describe God, and the one used in Genesis I is the word **Elohim**, which is a *plural* word meaning *the gods or an assembly, even judges or a reasoning body.*

The problem with western cultures, English speaking or otherwise, is that (our) languages have two basic concepts, God or Lord. God means only one thing, the singular Creator of the universe.

However, lord may be interpreted to be synonymous with God, but it can also mean several things, including one's (human) master or as used in the context of royalty, when referring to the king as *my lord* or even to a concept like land-lord.

Lord can be interpreted to mean both God and human masters; however God is never used to describe a human being or physical entity. Additionally the plural form 'gods' also does not refer to God, the Creator, but to mythical beings as the Greeks or Romans used the term in western culture.

Trying to fit the ancient Hebrew into modern English is problematic especially since it first went through the Greek language filter before it was turned into English. There is always the possibility of misinterpretation of the text; or of projecting our own (modern) way of thinking onto an entirely foreign way of seeing the world.

As with any translation, there is often no precise equivalent of words across languages. So a translation is always hoped for at least partially correct rendering of the intended communication of the original. These facts simply advise us not to hang too much weight on single words in a specific translation.

For example the English word *rib* is most often used in Genesis 2 to explain how the gods created Eve. However, the actual Hebrew word that was used is interpreted to mean *side*.

We have to add several other complications

1) The sheer span of time between the earliest stages of the (written) Old Testament (c. 1,000 BC) and the modern world makes it difficult to understand the meaning of some terms.

2) The historical and cultural contexts in which languages function are radically different between the biblical (or Sumerian) world and our own. Some terms, especially metaphorical ones, depend on a certain background of experience to communicate the meaning adequately.

3) Two thousand years of Christian interpretation -- though it acknowledges the Old Testament as the founder -- at the same time has distanced the new Faith from it in various overt and covert ways.

4) The ancient world lacked any experience of the modern world we take for granted. There were no machines as we know them, no advanced genetic knowledge, no surgery, no genetic manipulation, etc.

Certain words and phrases in the Old Testament are repeatedly used in specific contexts that appear to describe natural objects and processes (or mysterious events); however, they do not act like the known, natural artifacts or processes.

This means that the witnesses had no alternative but to use natural metaphors and analogies to describe things that were outside of their knowledge and experience, i.e., an object that turns from *a pillar of cloud by day* into *a pillar of fire by night*.

Now, that we have those caveats in mind we can cautiously and thoughtfully proceed. In fact, while we cannot always be sure of

particular words, we can be sure that the main themes and accounts of specific events can be understood.

There are several obvious points that the author, being a scribe, needs to make up front about the general structure of any text that has a chapter and verse format.

A chapter contains ideas and information that are closely related and it usually covers one general topic in depth or touches on many without much detail; the latter being the case with the opening chapters of the Old Testament.

When an author or editor ends one chapter and begins another it is because s/he is a) finished with that related body of ideas, events and information and/or b) is moving on to another different or entirely unrelated body of ideas and events.

It can also simply indicate that the two chapters are separated chronologically by a short or long time span.

This is of course how the author laid out this book knowing that you, the informed reader, would not want to be reading about the Great Pyramid in one paragraph and The Genome Project in the next, followed by an analysis of the Khardashev Scale and so forth. Chapters should have a natural cohesion and logical breaks.

The author of the Bible was very careful to group ideas in a logical flow of verses, and to separate the chapters, when a whole new set of ideas and events followed.

As obvious as this is, these facts are ignored by biblical traditionalists, who claim that chapters two and three of Genesis are just a recitation of the first chapter in a detailed fashion.

What?

That is as bad an intellectual mistake as mismatching a blood group-A donor with a group B recipient is a medical mistake. There is nothing that matches between the first chapter and the next two,

which are related. To believe so is just to demonstrate the degree of power that early programming has an impressionable child's mind.

In the first case, the author makes this very clear by separating them.

For instance Genesis I, opens with Elohim (plural god) turning darkness into light. Then verses 2-25 are devoted to various acts of creation in sequential order. Next, after the earth, animals and many other things have been established, the text inserts the following passage:

"*Let us make mankind in Our image, in Our likeness, so that they may rule over the fish in the sea and the birds in the sky, over the livestock and all the wild animals, and over all the creatures." (Gen I:26)*

So God (plural) created mankind in his own image, in the image of God he created them; male and female he created them."(Holy Bible, Old Testament, Genesis I)

This passage appears right after the animals were created. Question: If this is a reference to a singular one God, who was He suddenly conversing with and how are people (male and female) made in his image (God has no image)?

The author suggests, as the plural Elohim does, that a collective reasoning body (the Genesis race) is involved when it comes to creating mankind. We have to parse this section as carefully as a geneticist parses a DNA sequence.

Here is a fact that few Christian scholars, ministers or teachers address. The Hebrew work JHVH is not used in Genesis 1 Elohim, the plural word is. However, Christian's have been given to understand that the One God is doing all the creating.

First, it is understood that the Creator of the Universe and all Life is a singular, indefinable being or spirit; given that fact, is the (Old

Testament) author proposing that the invisible, infinite spirit of God suddenly assumes a very limited and mortal, physical human body?

Does God have a body which is then used as the genetic (DNA) template to create humanity? Is that what the text really implies?

No, it does not. It uses the plural form Elohim very plainly. There is no reference to disembodied spirits, angels or anything else but actual, physical beings as later verses soon confirm. All of the so-called spiritualism was added very long after the ancient Hebrews were dispersed.

In fact, though biblical traditionalists, who try to twist this verse into their preconceived conception, have tried to skirt around this crucial issue - as gingerly as evolutionists around the 'missing links' - nonetheless their interpretations never make sense and they never adhere to the actual text.

If God made man in His image then that means that the Creator is a human or human-like being. But that cannot be true because God cannot sin and man was born with a sinful nature Christian theologians tell us. We could not have been made in the infinite creator´s image because IT has no image, since it is non-physical and limitless.

That is the conceptual consequence of turning the plural 'gods' into the singular, monotheistic God. It obviously generates a whole series of irreconcilable contradictions.

It does not do well to try and spiritualize this passage, and have God making man in his spiritual likeness, <u>because the text does not make that claim</u>. In fact, making that claim is an editorial insertion of data that is not in the text.

The Elohim, the advanced race that genetically engineered human beings, had to have DNA to model us in their image and likeness. That is a biological fact, and Genesis is focused on the living, biological world, not any theoretical, imaginary spiritual realm.

Nowhere in the first three chapters of Genesis is anything brought up about the human soul, a spiritual dimension, the afterlife or heaven or hell. These concepts and interpretations are all Christian interpolations inserted over the last 2,000 years.

The whole focus of Genesis is on the *creation of biological life on Earth* including human beings, not the alleged spiritual domain. We are physical beings -- mammals as noted previously -- divided into two sexes, facts which verse 26 addresses.

Like the DNA sequences, the bible too was written in a coded format and each word, phrase, verse and chapter has to be taken in context and considered where it fits in the sequence.

The author therefore submits it was with this kind of serious focus that the ancient *scribes* of Egypt, Sumeria and Israel undertook the profession.

Even today, in Jewish translations and transcriptions, the sacredness of the divine name or titles must be recognized by the professional *sofer* (scribe) who writes Torah scrolls, or tefilin and mezuah.

Before transcribing any of the divine titles or names he prepares mentally to sanctify them. Once he begins he does not stop until it is finished, and he must not be interrupted while writing it.

If an error is made in writing it may not be erased, but a line must be drawn round it to show that it is canceled, and the whole page must be put in a *genizah* (burial place for scripture) and a new page begun.

The opening chapter of the Old Testament gives an abbreviated account of the acts of (terraforming) creation and how the earth was made, then sequentially populated with plants, animals and even early humans.

It is made clear that that race simply lived as other creatures do on nature’s terms. There was no mention of agriculture, no admonitions,

and none of what takes place in chapters two and especially at the end of chapter three.

At the end of Chapter One we read:

“I *give you every seed-bearing plant on the face of the whole earth and every tree that has fruit with seed in it. They will be yours for food. 30 And to all the beasts of the earth and all the birds in the sky and all the creatures that move along the ground—everything that has the breath of life in it—I give every green plant for food.” And it was so. (*Gen I v 28)

This passage embodies *the first covenant* and it unequivocally states what condition the first (human) race was to live on the earth. There were no punishments, no expulsion from Eden, and no mention of the garden or agriculture.

Why then did subsequent generations of priests misinterpret and change the obvious meaning by blurring out the actual meaning and then overlaying the subsequent two chapters on top of Genesis I?

This is an extremely crucial question and issue to answer and resolve.

In fact, this editorial mutation changes the entire scope and meaning of the first chapter of Genesis, which agrees with the findings of science by claiming that an earlier, more primitive race existed before modern man.

However, *the traditionalists* have discarded that obvious reference and instead they claim that history started with the dawn of agriculture with the Adam and Eve prototypes.

CH 20 – Decoding the Old Testament - Part II

The fact that Chapter One was to be understood as the original act of creation (history) is made clear by the opening of chapter two:

"Thus the heavens and the earth were completed in their entire vast array."

2 By the seventh day God had finished the work he had been doing; so on the seventh day he rested from all his work. 3 Then God blessed the seventh day and made it holy, because on it he rested from all the work of creating that he had done."

The seven days of creation occurred in chapter one, not in chapters two and three. Failing to strictly adhere to the sequential order of the text and what it states at each line; and at the end of the first chapter; and at the opening of the second causes untold misinterpretations and confusions.

Next, in chapter two we are immediately confronted by another account of creation. Is it a recapitulation of Genesis I? No, clearly it is not.

First, the creation sequence is entirely different and out of the natural order that was described in the first chapter.

"Now no shrub had yet appeared on the earth and no plant had yet sprung up, for the Lord God had not sent rain on the earth and there was no one to work the ground, 6 but streams came up from the earth and watered the whole surface of the ground. 7 Then the Lord God formed a man from the dust of the ground and breathed into his nostrils the breath of life, and the man became a living being."

The opening is entirely out of synch with the events described in chapter one. Adam is created before the plants and other animals,

which of course, is contrary to how life evolved on Earth, which Genesis I was in synch with.

This is the actual sequence of the text. Any deviation from it to try to make it conform to the first chapter is a misinterpretation that results in an aberrant mutation.

So what are we reading if not a recapitulation of chapter one… apparently a second genesis. How do we know this? There is no mention of the gods creating the heavens and Earth because they already exist.

The focus is on *Adam,* the new human prototype. The environment of Earth is curious in that there are streams covering it even though it has not rained.

"*The Lord God made all kinds of trees grow out of the ground—trees that were pleasing to the eye and good for food. In the middle of the garden were the tree of life and the tree of the knowledge of good and evil..."*

None of this is in the first chapter. Then the (transcriber) scribe describes the exact location of the Garden of Eden and the rivers that run through it. In modern terms we can locate it using the Tigris-Euphrates that places the Garden of Eden in modern day Iraq (Mesopotamia).

This makes clear the fact that the author is not referring to some made up mythical land, but to a specific, geographical location on Earth where Eden existed.

"The name of the second river is the Gihon; it winds through the entire land of Cush. 14 the name of the third river is the Tigris; it runs along the east side of Ashur. And the fourth river is the Euphrates…"

Again, this information is absent from Genesis I. The human beings created in Gen I v 26 are simply given access to the earth from which they are to obtain their food: *seeds, nuts, plant materials and fruits.*

But in Genesis 2 the narrative gives an entirely different sequence of events and we find that (the Gods) have a specific purpose for the new man, Adam. (In Hebrew the word Adam means prototype.)

"*The Lord God took the man and put him in the Garden of Eden to work it and take care of it."*

This represents a complete departure from the first chapter.

In this new genesis, Man is not the head of the animal kingdom intended to live freely on nature's terms, as is described in the first chapter. No, Adam has been created to be a gardener whose job is to take care of Eden, for the gods.

This distinction is critical to our understanding of our actual human inheritance, as much as, or more so, than are the divisions between the human and chimpanzee chromosome count and ABO blood groups.

At this point we have Adam, the new prototype human, in the garden alone. The gods bring him the animals and he gives them names. The next major event is described as follows:

“So the Lord God caused the man to fall into a deep sleep; and while he was sleeping, he took one of the man’s ribs and then closed up the place with flesh.22 then the Lord God made a woman from the rib he had taken out of the man, and he brought her to the man.”

We take this sketchy description of an operation for granted today. But clearly Adam was anesthetized, something the ancients knew nothing about, because in the days of the early Hebrews, medical procedures like this were unknown.

There were neither surgeries nor other kinds of operations; no medical equipment nor any sterile instruments. In fact, the interior organs of the human body were not even accurately known.

Clearly Adam was put under a surgical kind of sedation, he was cut open and we are told that a *rib* was removed. That is how typical translations read. However, was that really what the Hebrew text said? Was Eve literally fashioned out of one of Adam's ribs?

That question has confounded countless people to this day. This is why the author prefaced this section with a textual criticism. If we look closely at the Hebrew word that was translated into the English word *rib* we find that it has no such specific, literal meaning.

The ancient Hebrew word translated *rib* in Genesis 2 is *tsela.*

This word is used in a number of other places in the Bible and its meaning is shown to be quite different than that given in Genesis 2 interpretations. The normal translation of tsela is the English word *side* a much more general concept than rib.

In its typical usage, as in Exodus 25:12 *sela* means *a side*: when referring to the rings of gold on the Ark of the Covenant the test says,

“Two rings shall be on one side (*tselo* - a variant of tsela) and two rings on the other side". Then in verse 14 it refers to the two "sides" (*tselot*- the plural form) Exodus 37:3-5 shows this same description of the Ark.

It is mentioned as being on a table on the south side (*tsela*) of the tabernacle, referring this time not just to the outer skin of the tabernacle but to its south half. Identical usage occurs in Ex. 36:25, 31.

Clearly this is a case where a mistranslation has occurred causing widespread confusion. There is actually no specific word for 'rib' in ancient Hebrew. So the passage should have been translated..."took one of the man's sides” That is an important point because rather than taking a rib which is bone, it can simply mean genetic material from his side.

In fact, since it is an attempt to convey the idea of bio-genetics it could have come from any part of his body. Once again, none of this appeared in Genesis I where male and female were created at the same time.

The author submits that the original *sofers* and or the priests, who orally transmitted and transcribed these events, could not even have vaguely understood their meaning.

In fact, we can only do so today now that we can create genetically alerted plants and animals and even clones in our modern labs. There is no reason to shift this narrative to the realm of myth or miracle, as previous generations have, because it is not a description of either one.

That is the final segment of Genesis Two.

The author is going to skip over the narrative that describes how the serpent deceived Eve and then she tempted Adam to eat the forbidden fruit; and instead cut to the segment that further proves chapters two and three are not a recap of chapter one.

"...*Cursed is the ground because of you;*
through painful toil you will eat food from it
all the days of your life.
18 It will produce thorns and thistles for you,
and you will eat the plants of the field.
19 By the sweat of your brow
you will eat your food
until you return to the ground,
since from it you were taken;
for dust you are
and to dust you will return..."

Compare that to the end of chapter one, which it is supposed to be describing, if it is a recapitulation, which it clearly is not.

This is not a minor, insignificant departure from the events of chapter one, it is a complete departure that makes it clear that this new,

human hybrid, was not intended to be like the first created proto humans (Neanderthals) in Genesis I.

No, Adam and Eve represented the modern *Homo sapiens* suited for collectivization, urban life and crop agriculture.

Genesis I made it quite clear that the first proto-humans were designed to live by taking what nature freely offered, not by planting genetically altered cultivars. More than any other single thing, *crop agriculture* transformed what it meant to be human and it gave rise to the first civilizations.

Agriculture is artificial like a garden is artificial, those concepts are absent from Genesis I, but prominent in chapters two and three.

The Old Testament clearly documents this shift. For some odd reason biblical scholars have largely overlooked the actual historical significance of chapter(s) two and three preferring to focus on its alleged metaphorical meanings.

Adam and Eve do not represent the first human hybrids; they represent a new *prototype* human that was designed to usher in the agricultural and technological revolutions that started 7,000-10,000 years ago.

The final portion of the text that closes chapter three is extremely important because it gives insight into the nature of the gods.

"*The man has now become like one <u>of us</u>, knowing good and evil. He must not be allowed to reach out his hand and take also from the tree of life and eat, and live forever*."

Once again we are confronted by ...*One of Us*...the gods are a plurality of reasoning beings as we found was the case in Genesis I where they decided to create the first humans; whereas God is a supernatural being with omnipotent powers in command of the entire Universe.

The gods are physical beings and they discuss the fact that their creation (*humans)* are self-willed creatures, unruly, and since they have violated the first law given to them, they ought not to be allowed access to the Tree of Life (source of immortality), which the gods had access to.

The importance of this information cannot be overstated because it tells us that the gods had achieved some kind of immortality. And we once had access to it or so it appears. This gives us insight into the nature of the advanced civilization we are dealing with. As astrophysicist, Michio Kaku, has recently pointed out, there is no law of physics that rules out immortality. A truly advanced cosmic race could achieve it via advanced biotechnologies.

The Genesis Race had already achieved immortality when they seeded the earth, created humans and then intervened in human development.

From a strict adherence to the text it appears as though they had a predetermined role for the first humans, which was to simply adapt to the natural conditions on Earth and survive. The ancestral rootstock race did that.

However, the role changed over time. Once genetic viability was established it was time for the next step in human evolution. Adam was then created to be a gardener, the general idea being that this new prototype was not intended to be entirely natural.

A gardener implies a garden, which is a part-natural and part-artificial environment. All the events of chapters two and three take place within this semi-artificial environment, Eden.

But when the human pair violates the first law given to them, their further ability to continue exercising free will and perhaps gaining access to the source of immortality was cut off. They were forced out of the garden and had to earn a living by tilling the soil, planting and harvesting.

The first chapter of Genesis stands alone and gives a complete account. The next two also stand alone and give a complete account that is not a recapitulation of the first chapter.

Chapter One transmits the creation account, including the genetic engineering of humans, and concludes by describing how those humans lived and survived on nature's terms. The next two chapters recount the second genesis of a new hybrid that forms the modern human prototype. It then concludes by describing how this race will live and survive, not on nature's terms, but by altering the natural scheme through their hard labors, agriculture.

This will not be the last time that the Genesis Race intervenes and directs the course of human intentions and activities. In Genesis 6 were read:

"*When human beings began to increase in number on the earth and daughters were born to them, 2 the sons of the gods saw that the daughters of humans were beautiful, and they married any of them they chose."*

This passage has long been a source of consternation for all readers who try to filter the bible's content through a metaphorical or spiritual lens.

Who are these *sons of Gods (Elohim)* and how do they marry women and produce children (weren't they spiritual beings without bodies)? The passage is irreconcilable in metaphorical and/or spiritual terms.

However, it is not hard to understand if one uses the actual meanings made clear by the text from Gen.1: 26 through chapters 2 and 3 to this point in the narrative.

The Old Testament did not say God, in the singular; it says the *sons of the gods (Elohim)*. The sons of the gods are the offspring of the Genesis Race who naturally are the physical beings that created us in their image and likeness. Human women had the same basic

genetic background and they could marry and produce offspring which Genesis 6 says they did.

Trying to twist the text, which is quite consistent, by shifting the meaning to other than the earthly, biological reality it describes is a corruption and mutation of it. That is why the traditional interpretations collapse into ambiguity and self-contradiction

Nowhere in the text is any other supposed dimension alluded to or mentioned in Genesis, not angels, heaven or anything but what the text reads word for word. The problem was that the 'gods' were human but also *more* than human. The hybrids that came out of the union were in ways not entirely made clear by the text, *superhuman* what has been misconstrued as giants.

This section of the text seems to be missing some important clarifying details; it is as if something that might have been in the oral tradition was redacted from the written version.

“The Nephilim were on the earth in those days—and also afterward —when the sons of God went to the daughters of humans and had children by them. They were the heroes of old, men of renown”. Gen. 6

The Nephilim reference appears suddenly and without any introduction. Who are these beings and where did they come from? The answers to those questions do not appear in the text either before or after this reference.

But this race is distinguished from the offspring of the sons of the gods and human females, and they continue to co-exist after the interbreeding between the gods and women.

This chapter of Genesis, the author readily admits, is difficult to comprehend. It seems to compress a very long time passage into a very few words; and the races and events are described without any clarifying details. Suddenly the following passage appears:

“The Lord regretted that he had made human beings on the earth, and his heart was deeply troubled. 7 So the Lord said, “I will wipe from the face of the earth the human race I have created—and with them the animals, the birds and the creatures that move along the ground.”(Gen.)

Following this Noah is introduced and, as with Adam, the account is again focused on an individual and a specific series of events is recounted.

This represents a shift from the impersonal, much generalized account, to a highly personalized one that again focuses on the genetic line that now begins with Noah and his wife and family. This clearly shows that the gods had a genetic motivation and they intended to eradicate the genetic lines including the humans, the hybrid gods/humans, and the Nephilm.

It is extremely important to keep in mind that every effort was made to conserve the genetic lineage, thereafter, that extends from Noah through his generations of descendants.

Why would an early, primitive, pastoral culture (The Hebrews) have any reason to make all this up? The answer is partially given in the biblical assertion that *all life is in the blood*...which we can, given our current genetic knowledge, fully appreciate.

That was an amazingly astute and far reaching insight for a tribe of sheepherders to have made four thousand years ago.

The flood is a pivotal event that would become the "choke point"-- as population geneticists refer to a catastrophic event that wipes out most of the human race --which leaves only a remnant family to re-populate the earth.

"*Then God blessed Noah and his sons, saying to them, 'Be fruitful and increase in number and fill the earth..."*

This part of the text makes it clear that Noah’s line will re-populate the post-flood earth. In addition, it is only at this point that the gods

give humans the right to eat meat, it harkens straight back to the covenant in chapter one.

While humans are given the right to eat animal flesh they are told to abstain from eating meat with the "*lifeblood still in it*". Then we read:

"Whoever sheds human blood,
by humans shall their blood be shed;
for in the image of God
has God made mankind…"

This again shows that the being (referred to as god) has a human-type body with blood circulating in it. That makes the human body (created in its likeness) a holy and sanctified living temple.

Since all life is in the blood, then to kill a man and spill his blood, as Cain did, is a sin of the greatest magnitude and the sinner must forfeit his life. The intense attention given to the importance of human blood, animal blood, and the bloodline going back to the gods cannot be overstated.

It shows that Genesis was and is all about *genetics and biology*; living things and not about supernatural, otherworldly, or spiritual things. This focus does not diminish as the chapters of Genesis proceed.

After this chapter the text delineates the names of each of Noah's sons and notes that they were the (genetic) founders of various peoples (tribes) scattered throughout the region.

The next chapter that invokes the gods in a very specific way that parallels the earlier interventions we find in *Genesis 11:*

"Now the whole world had one language and a common speech. 2 as people moved eastward, they found a plain in Shinar and settled there."

We noted that the biblical Shinar was, in fact, Mesopotamia right in the region where Eden was located. This is a geographical reference

to an actual place where these events occurred, not an invented place telling of an imaginary land that is supposed to be understood as a metaphorical place in one's imagination.

"3 *They said to each other, "Come, let's make bricks and bake them thoroughly."They used brick instead of stone, and tar for mortar. 4 Then they said, "Come, let us build ourselves a city, with a tower that reaches to the heavens, so that we may make a name for ourselves; otherwise we will be scattered over the face of the whole earth."*

This is, in fact, an accurate description of the materials used for constructing the (Sumerian) ziggurats.

"5 *But the Lord came down to see the city and the tower the people were building. 6 The Lord said, "If as one people speaking the same language they have begun to do this, then nothing they plan to do will be impossible for them. 7 Come, Let Us go down and confuse their language so they will not understand each other*."

Once again we find the same plurality or assembly of reasoning beings determining to intervene in human affairs to change the course of events, the gods (elohim). They observe these events from a position above them as if they were looking down from some vantage point in the sky.

"8 *So the Lord scattered them from there over all the earth, and they stopped building the city. 9 That is why it was called Babel—because there the Lord confused the language of the whole world. From there the Lord scattered them over the face of the whole earth....*

The Old Testament paints a clear portrait of the Genesis Race in its very opening chapters. They begin operations by terraforming and seeding the earth with plants and animals.

Next, they genetically engineer the human race using their own DNA; after a period of time, during which the proto-human race survived on Earth as plant, fruit and seed eaters, they again intervened to create a new prototype (Adam and Eve) that was suited for the agricultural revolution.

It is not difficult to understand why our predecessors could not accurately interpret all of this. They had no idea of genetics, bio-engineering, terraforming, earlier human-type species, machines, or the fact that other worlds and races exist in the Universe.

Conclusion: The Old Testament is a cultural version of DNA meant to pass on crucial coded data about human identity and history. However, it is not as efficient since it has suffered corruptions and mutations when undergoing translations into different languages.

Nonetheless, its general truths can be ascertained and the account that it gives of ancient history and human-extraterrestrial contact can be understood with a proper, functional decoding.